

ATLANTA



DSI 54th ANNUAL CONFERENCE
November 18-20, 2023

*Responsive, Relevant, Responsible:
Decision Making in the Age of Transformation*

2023 DSI ANNUAL CONFERENCE

November 18 – 20, 2023

Atlanta Marriott Marquis

Saturday, Nov 18th, 2023, 7:30-8:00 a.m.

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Saturday, Nov 18th, 2023, 7:30-8:00 a.m. | Imperial B

Atlanta Marriott Marquis

Meal: Saturday Breakfast Co-Sponsored by Pearson and DSI

Welcome to the start of the conference! Enjoy a light breakfast before you begin your day.

Saturday, Nov 18th, 2023, 8:00-9:30 a.m.

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: AI Applications in Business Analytics

The session includes talks on general AI, Blockchain methods integration into qualitative research, and applications.

Chair: Kazim Topuz (The University of Tulsa)

ChatGPT Data Analysis using Topic Modeling Techniques

Sumali Conlon (University of Mississippi), Shilpa Balan (California State University, Los Angeles)

Comparative Performance Analysis between ChatGPT and Senior Information Systems Students in Computer Database Design and Implementation Class

Jim Q Chen (St. Cloud State University), Jeff Zhang (California State University, Northridge), Xiaofeng Chen (Western Washington University)

Explainable AI for Mental Disorder Screening

Kazim Topuz (The University of Tulsa), Salih Tutun (Washington University in st. Louis), Anol Bhattacharjee (University of South Florida), Ali Tosyalı (Rochester institute of technology)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M108

Atlanta Marriott Marquis

COMMITTEE MEETING: Marketing Committee

A meeting of the members of the DSI Marketing Committee.

Members: Jason Deane (Virginia Tech), Mark Ferguson (University of South Carolina), Iana Shaheen (University of Arkansas), Jeong Hoon Choi (Youngstown State University), LeAnn Boyce (UNT), Shanan Gibson (Embry Riddle), Cindy Blair (Brigham Young University), Vivian Landrum (Decision Sciences Institute)

Chair: Marco Sartor, University of Udine

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: DASI Welcome and Overview of DASI

Activities

Interactive time to give an overview of the DASI SIG and what it does and welcome new DASI attendees. Each attendee will be asked to introduce themselves and tell what they teach and what kinds of information DASI could provide that would be beneficial for them. The session will finish with an open discussion.

Chairs: Robert L. Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver), Mike Ellis (University of Central Arkansas)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M106

Atlanta Marriott Marquis

DECISION SCIENCES in PRACTICE: Decision Science in Sports and Academia

This sessions will present research using decision science in the field of baseball and academia.

Chair: Chulhwan Chris Bang (Georgia Southern University)

Aim for a relief pitcher's first pitch!

Chulhwan Chris Bang (Georgia Southern University), Sangdo Choi (o9 Solutions), Donghyup Woo (University of Pittsburgh at Greensburg), Yoon Sang Lee (Columbus State University)

Myth of Fact: Is it advantageous to catch the first ball strike?

Chulhwan Chris Bang (Georgia Southern University), Sangdo Choi (o9 Solutions), Donghyup Woo (University of Pittsburgh at Greensburg), Yoon Sang Lee (Columbus State University)

A Loess Model Applied to Student Performance Evaluations

Zhi Tao (University of Alaska Anchorage)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Advancing Equity and Inclusion Through Social Impact

The aim of the session is to highlight research that engages stakeholders at the grassroots level and there is social impact generated, with involved organizations being for-profit, non-profit, or humanitarian.

Chair: Shikha Safaya (Georgia Tech)

Supply Chain Disruptions and Labor Violations: An Empirical Analysis of the Covid-19 Pandemic

Li Ding (Georgia Tech), Basak Kalkanci (Georgia Tech)

Capacity Planning of Apple Harvest Labor in Response to Weather Based Uncertainty

Sanchita Das (University of Washington), Sanchita Das (PhD Student)

Matching Volunteers With Clients in a Non-Profit Organization

Shikha Safaya (Georgia Tech)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M103

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Emerging DEI issues and supply chain decision-making

This session invites three author teams presenting their works on a range of DEI issues, at the intrafirm level (i.e., employee privacy concerns), at the interfirm level (i.e., the use of justice in allocations), and at the community level (i.e., HUBZone small businesses and their stakeholders). The projects adopt various empirical methodologies and research designs (i.e., experimental, qualitative, etc.).

Chair: Li Cheng (Michigan State University)

Overcoming Employees' Privacy Concerns to Operational Transparency Programs: The Significance of Matching Influence Tactics and Work Values.

Siqi Ma (The University of Akron College of Business)

Allocation In Buyer-Supplier Relationships: A Justice Perspective

Saif Mir (Lehigh University), David Rea (Lehigh University), Zach Zacharia (Lehigh University)

Public Procurement in HUBZones: Challenges and Opportunities for Small Manufacturers

Dwaipayan Roy (University of Virginia Darden Graduate School of Business), Li Cheng (Michigan State University), Sriram Narayanan (Michigan State University)

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Saturday, Nov 18th, 2023, 8:00-8:50 a.m. | International Salon 5

Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: Publication Strategies in Top OM/SCM Journals

A key professional role young academics should master is conducting a review of a manuscript for an academic journal. Similarly, as new researchers, you will be challenged to respond professionally to the comments you receive on your own manuscripts from anonymous reviewers. This session will focus on both of these topics. First, we will take a close look at what a good review looks like, and we will discuss "what to do" and "what not to do" as you create a professional review of an academic manuscript for a journal.

Moderator: Luv Sharma (University of South Carolina)

Panelists: Xenophon Koufteros (Texas A&M University), Sri Talluri (Michigan State University), Aravind Chandrasekaran (The Ohio State University), Christopher Craighead (University of Tennessee), Asoo Vakharia (University of Florida)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M107

Atlanta Marriott Marquis

GIG ECONOMY and SOCIAL MEDIA RESEARCH: Social Media and Digital Platforms

Papers in this session provide an in-depth analysis of critical topics in social media and digital platforms.

Chair: Abhishek Roy (Temple University)

Bitcoin Tweet Sentiment Analysis and Classification

Ilyas Ustun (DePaul University)

m-Commerce Adoption: Extending the Model of Influencing Factors

Robert Cutshall (Texas A&M University - Corpus Christi)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: AI-assisted Decision Making in Healthcare Management

AI-assisted Decision Making in Healthcare Management

Chair: Rodolfo Catena (UCL)

A Customer Service Personnel Training Application for Time-Dependent Urgency Decision Making

Jae Yoon Hwang (Boston University), Tianyu Xu (Boston University), Xinran Yu (Boston University), John Maleyeff (Boston University)

AI models for Rare Infectious Disease Detection

Mohammad Joghataee (Auburn University), Kushagra Kushagra (Auburn University), Aysun Tekin (Mayo Clinic), Ashish Gupta (Auburn University), Ognjen Gajic (Mayo Clinic), Vitaly Herasevich (Mayo Clinic), Jack C. O'Horo (Mayo Clinic), Juan Pablo Garces Domecq (Mayo Clinic)

An End-to-end Machine Learning Approach For Optimal Allocation Of Substance Use Treatment Centers

Matt Baucum (Florida State University), Matt Harris (University of Tennessee), Lawrence Kessler (University of Tennessee), Guanyi Lu (Florida State University)

AI-assisted Medical Decision Making under the Effect of Errors in Predictors

Maryam Kheirandishborujeni (University of Arkansas), Shengfan Zhang (University of Arkansas)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Chronic Conditions and Health Disparities

Chronic Conditions and Health Disparities

Chair: Pankush Kalgotra (Auburn University)

Exploration of chronic non-communicable respiratory conditions in Texas newspapers

Rifat Afrin (University of North Texas), Gayle Prybutok (University of North Texas), Victor Prybutok (University of North Texas)

Patterns of Gender-Specific Multiple Chronic Conditions in Working-Age Adults and their Generational Disparity and Community-level Socioeconomic Determinants

Ajit Appari (Boston University), Maria Ukhanova (University of Texas Health Science Center at Houston)

Impact of rare comorbidities on health outcomes: Theorizing structural holes in the comorbidity network

Pankush Kalgotra (Auburn University), Ramesh Sharda (Oklahoma State University)

Diabetes Mellitus Trend among Adults in Texas Counties from 1999-2009: A Spatial Analysis of Events

Theresa Abah (California State University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon A

Atlanta Marriott Marquis

HUMANITARIAN OPERATIONS and DISASTER MANAGEMENT: Humanitarian operations and

the Circular Supply Chain

The session will explore the concept of "coopetition" within the realm of humanitarian operations and its intersection with the circular supply chain model. It will delve into how organizations, often competitors, can collaborate to address complex humanitarian challenges while maintaining their competitive edge.

Chair: Hasti Rahemi (University of Wisconsin Whitewater)

Coopetition in first response operations to global disasters

Hasti Rahemi (University of Wisconsin Whitewater), David Drake (University of Colorado Boulder)

Social-Ecological Resource Configuration and Disaster Responsiveness: when does coopetition matter?

PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS), Nathaniel Boso (Gordon Institute of Business Science, University of Pretoria, South Africa; Department of Marketing and Corporate Strategy, KNUST School of Business, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana), Emmanuel Anin (Kumasi Technical University), Dominic Essuman (The University of Sheffield), Matilda Owusu Bio (KNUST School of Business)

The Role of a Nonprofit Organization in the Circular Supply Chain

Katherine Eboch (Soles4soles), Karen Eboch (Bowling Green State University), Janet Hartley (Bowling Green State University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L506

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Blockchain and Its Applications

Studies in this session attempt to unlock the potential of blockchain by investigating its applications in different business areas.

Chair: Jin Fang (Clark University)

Blockchain Applications for Supply Chain Resilience

Md Golam Kibria (University of Toledo), Benjamin T George (University of Toledo), Dr. Bassam Hasan (University of Toledo)

Blockchain-Based Safety Passport: Mitigating Safety Concerns in the Lithium-Ion Battery Circular Supply Chain

Zhuowen Chen (Worcester Polytechnic Institute), Abdullah Yildizbasi (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute)

How Does Smart Contract Technology Adoption Impact the SME Internationalization Speed?

Ziwei Ye (Old Dominion University), MD RASEL AL Mamun (Old Dominion University), Jing Zhang (Old Dominion University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M302

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: IT in Platform Business

Studies in this session explore how IT empowers platform business.

Chair: Xuan Wang (University of Texas Rio Grande Valley)

Artificial Intelligence based Platform for Identity Governance and Access Control

Sara Ayyoob Mozaffari (Qatar University), Fahimatun Nessa Barsha (Qatar University), Sara Kasim Ali Ali (Qatar University), Habib Ullah Khan (Qatar University)

Knowledge Sharing Performance in Crowdsourcing Contest Platforms

Xuan Wang (University of Texas Rio Grande Valley), Hanieh Javadi Khasraghi (University of Delaware)

Digitalization and Operational Flexibility: Exploring Mechanisms and Conditions for Achieving Enhanced Flexibility Levels

Peter Darko (Kwame Nkrumah University of Science and Technology), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Kwame Owusu Kwateng (Kwame Nkrumah University of Science and Technology), John Serbe Marfo (Kwame Nkrumah University of Science and Technology, Kumasi)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon 4

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Empirical Research in Innovation and Product Development

This session will consist of three presentations on topics related to innovation and new product development.

Chair: YUQI PENG (Salisbury University)

Does network help? Innovation during challenging times

Pankaj Kumar (Virginia Tech University), Xiaojin Liu (Virginia Commonwealth University), Anant Mishra (University of Minnesota)

An Empirical Study on Innovation and employment Based on Firm Size

Minseok Park (Salisbury University), Younsuk Lee (Dongyang Mirae University)

The Impact of Innovation on Craft Brewery Survival

Qilong Zhu (Texas A&M University), Gregory Heim (Texas A&M University), Michael Withers (Texas A&M University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon 7

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Strategies for Effective Curriculum Design

This session will include presentations discussing curricular design issues.

Chair: Abbas Foroughi (University of Southern Indiana)

On the Design and Development of a Master of Science in Health Information Technology

Yi Guo (University of Michigan -- Dearborn), Barbara Klein (University of Michigan, Dearborn), Young Ro (University of Michigan (Dearborn))

SCM in the AACBS Accredited Business Schools

Md. Ziad Haidar (Eastern Illinois University), Gurkan I Akalin (The University of Virginia's College at Wise), Abdou Illia (Eastern Illinois University)

A Study of Business School Use of Inter-disciplinary and Other Internal Partnerships to Enhance Executive Education Offerings

Abbas Foroughi (University of Southern Indiana)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Empowering Logistics Networks: Innovative Approaches to Optimization and Decision-Making

In this session, the talks will explore how optimization models and machine learning techniques can be utilized to facilitate decision-making within logistics networks.

Chair: Vahid Ghomi (Penn State Mont Alto)

Collaborative Logistics Vehicle Routing Problem Among Small Shippers: A New Genetic Algorithm-Based Method

Vahid Ghomi (Penn State Mont Alto), Sina Shokoohyar (Seton Hall University)

Resource Planning and Project Scheduling on a Spatial Network

Gang Li (Bentley University)

The vehicle routing problem with server drop-offs and retrievals: A suggestion for urban last mile deliveries

Keyju Lee (Korea Aerospace University), Junjae Chae (Korea Aerospace University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M303

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Brand Identity and Consumer Behavior

This session include papers discussing the effect of brand identity, equity, and attachment on consumer behavior.

Chair: Omar Alyasein (University of North Texas)

Driving Customer Value Through CSR Employer Brand Identity: The Role of Corporate Image and Brand Equity

Omar Alyasein (University of North Texas), Divesh Ojha (University of North Texas), Pankaj Patel (Villanova University), Ritika Sambyal (Udhampur Campus, University of Jammu)

Investigating consumers' attitudes towards Chinese University Basketball Association (CUBA) using a model of Customer-Based Brand Equity (CBBE)

Jiaqi Li (8618101268267)

Obsessive-compulsive branded apparel buying behavior in Kuwait: The mediating role of brand attachment

Mohamed Mostafa (GUST)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M301

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Entrepreneurship in a Challenged World

This session will examine discusses various aspects of entrepreneurship.

Chair: Taewon Hwang (Valdosta State University)

The mediating effect of fairness in government support programs on the relationship between entrepreneurs' competency and business performance

Taewon Hwang (Valdosta State University), Byeonghwa Park (Valdosta State University), Hwanyong Kim (Alabama State University)

How nascent entrepreneurs' perceptions and attitudes affect their entrepreneurial self-efficacy.

Yamini Jha (Western New England University), Sanjeev Jha (Western New England University)

Understanding Knowledge Acquisition Capability on Entrepreneurial Intention among Female Emerging Adults: A Comparison between Business Major and IT Major

Zhen Li (Texas Woman's University), Wai Kwan Lau (Bloomsburg University of Pennsylvania)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | M304

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Efficiency and Effectiveness in Service Industry

An exploration of the service industry's efficiency and effectiveness.

Chairs: David Dreyfus (Rutgers University - Rutgers Business School), Matthew Walsman (Rutgers Business School - Supply Chain Management Department)

Drill-down Approach for Enhancing Organizational Strategy through a Two-Stage Data Envelopment Analysis

EunSu Lee (New Jersey City University), Devin Echavarría (New Jersey City University), Ruth Ortiz (New Jersey City University)

A New Take on Yield Management: Using Vickrey Auctions to Allocated Constrained Service Capacity

Matthew Walsman (Rutgers Business School - Supply Chain Management Department)

30 Million Canvas Records Reveal Widespread Sequential Bias and System-Induced Surname Initial Disparity in Grading

Jiaxin Pei (School of Information, University of Michigan), Zhihan (Helen) Wang (Ross School of Business, University of Michigan), Jun Li (Ross School of Business, University of Michigan)

Presenter: Zhihan (Helen) Wang (Ross School of Business, University of Michigan)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L402

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Global Environment - City Design, Politics, Hip-Hop!

The papers in this session address a wide range of topics including radial city design in Korea, Hip-hop promotion in China, and Politics in IT firms in the US.

Chair: Woo Yong PARK (University of Nevada (Las Vegas))

Application of Le Corbusier's Radian City in Korean Suburbs and Strategic Implications

Seung Hoon Jang (Commonwealth University of Pennsylvania)

The Opportunities and challenges of promotion of hip-hop industrialization in China

Jiaqi Yan (Tongji University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L401

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Analytical Research in Supply Chain Management-1

This session looks at supply chain problems from an analytical perspective.

Chair: Orkun Baycik (Boston University)

A Multi-Objective Optimization Model for Supplier Selection and Order Allocation in Closed-loop Supply Chains

Kamran Moghaddam (Clayton State University)

Supply Chain Financing and Capacity Strategies under Demand and Credit-Market Uncertainty

Zugang Liu (Penn State Hazleton), Jia Wang (Rowan University)

An Algorithm for the Knapsack Problem

Gang Wang (University of Massachusetts-Dartmouth)

Evaluating the Impact of Increased Supply Chain Visibility: A Quantitative Approach

Orkun Baycik (Boston University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L508

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management-1

This session explores research topics that fall under the general supply chain management domain.

Chair: Wen Zhang (Baylor University)

Developing Smart Supply Chain Contracts using Data Analytics and Block Chain Models

Sevilay Onal (University of Illinois Springfield), Sanchoy Das (NJIT), Chandra Adhikari (University of Illinois Springfield), Shashank Tripathi (University of Illinois Springfield)

Dynamic innovation and pricing decisions in a supply-Chain

Jian Song (University of Science and Technology of China), Anshuman Chutani (Nottingham University Business School), Alexandre Dolgui (IMT Atlantique, Nantes), Liang Liang (University of Science and Technology of China)

Game-Theoretic Analysis of Price-Match, Warranty, and Quality in a Vendor-Buyer Supply Chain

Reza Maihami (Mercer University), Ehsan Ahmadi (Mercer University)

Improving Supply Chain Integrity and Trust: An Analytical and Experimental Study

Wen Zhang (Baylor University), Matthew A. Douglas (Baylor University), Pedro Martinez Reyes (Baylor University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L404

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Strategic Supply Chain Design

This research session is focused on decisions surrounding strategic supply chain design encompassing internal operations, those of

the supply base, and fit between a firm and its supply chain partners. The presentations explore areas such as offshoring decisions, sustainability, and competitive orientations.

Chair: Jordan Barker (Michigan State University)

Offshoring Reconfigurations and Performance Implications

Ha Lam (University of Arkansas), Satabdi Hazarika (University of Arkansas - Fayetteville, AR), Adriana Rossiter Hofer (University of Arkansas), Christian Hofer (University of Arkansas), Jordan Barker (Michigan State University), Claudia Regina Rosales (University of Arkansas - Fayetteville), Rachel Clarkson (University of Arkansas)

Buyer-Supplier Sustainability Fit – Exploring Relationship Between Environmental Fit Social Fit

Satabdi Hazarika (University of Arkansas - Fayetteville, AR), Ellie Falcone (Texas Christian University), Brian Fugate (University of Arkansas - Walton College of Business)

Investigating the Relationship Between Shareholder ESG Investment in Target Firms and Suppliers' ESG Performance

Md Rezaul Karim (Iowa State University), Jonathan Phares (Iowa State University)

Cooperating to Compete: Unpacking the Supply Base's Role in Competitive Dynamics

Jordan Barker (Michigan State University), Christian Hofer (University of Arkansas), Adriana Rossiter Hofer (University of Arkansas), David Cantor (Iowa State University), Matthew Waller (University of Arkansas)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon 6

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Supply Chain Disruption and Risk

The papers in this panel examine the effects of industry disruption and risk on firm-level and supply chain network response.

Chair: Justin Kistler (University of Tennessee, Knoxville)

Process compliance and intra-brand competition on food delivery Platforms

Jaewoo Lee (University of South Carolina), Keith Skowronski (University of South Carolina), Sean Handley (University of South Carolina), Joel Wooten (University of South Carolina)

Contagious crises: Asymmetric responses to demand shocks in hospital supply chains

Andrew Balthrop (University of Arkansas), Claudia Regina Rosales (University of Arkansas - Fayetteville), David Dobrzykowski (University of Arkansas)

Unraveling the complexity: Exploring the benefits of supply chain complexity in times of disruption

Junwoo Cha (University of Tennessee), Justin Kistler (University of Tennessee, Knoxville), Wendy Tate (The University of Tennessee, Knoxville), Robert Wiedmer (Arizona State University), John Patrick Paraskevas (University of Tennessee, Knoxville)

Knowledge management in the trucking industry and its influence on risk management and transportation network resilience

Jacob Jensen (Auburn University - Auburn, AL), Glenn Richey (Auburn University), Anthony Roath (Auburn University), LaDonna Thornton (Auburn University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Understanding the Supply Chain Risk Factors

Explore the supply chain risk factors in this session. We will delve into the key elements that pose risks to supply chains. Discover insights on identifying, assessing, and mitigating these risks. Join this session to enhance your understanding of supply chain risk management and gain valuable strategies for navigating uncertainties.

Chair: Shravya Dharba (New Mexico State University)

Navigating the Storm in Developing Economies: Understanding the Factors Contributing to Firm Resilience during Covid-19

Shravya Dharba (New Mexico State University), Faruk Arslan (New Mexico State University), Carlo Mora-Monge (New Mexico State University)

The Impact of Government Support for Business Performance in Competition Environment: focusing on the slack resources

Sin-young Kim (Jeju national university), Boo Yun Cho (Jeju National University)

The Impact of Supply Chain Strategy and Entrepreneurial Orientation on Supply Chain Resilience

Prashanth Anekal (Saginaw Valley State University), Surender Reddy (Saginaw Valley State University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Driving Sustainable Change: Embracing Corporate Social Responsibility for a Better Future

This session aims to explore the crucial intersection of sustainability and CSR, highlighting the potential for businesses to drive positive change and contribute to a better future. We will discuss the benefits and challenges associated with implementing sustainable practices.

Chair: Wangcheng Yan (Tongji University)

How Does Product Customization Affect Consumer Returns? An Empirical Analysis

Haileab Hilafu (University of Tennessee Knoxville)

Examining the Role of Gender and Ethnicity in Consumer Returns

Yu Jiang (University of Tennessee, Knoxville)

Harnessing Mobility for Sustainable Consumer Product Returns

Si Liu (McMaster University)

Incentives to Reduce Modern Slavery

Wangcheng Yan (Tongji University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | International Salon C

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Incentives and Frameworks to Promote the Implementation of Sustainability.

The session deals with implementing sustainability into supply chains by holding suppliers accountable for maintaining ESG criteria, and integrating both suppliers and customers with firms' stakeholders.

Chair: Henry Aigbedo (Oakland University)

Engaging External Stakeholders for People, Planet and Profit

Narges Mashhadi Nejad (The University of Toledo), Stephen K. Callaway (The University of Toledo)

Examination of COVID-19's Impact on Firms' Commitment to Sustainability

Henry Aigbedo (Oakland University)

Mission vs. Profit: The Interplay Between Social Service Agencies and Private Service Providers

Gulten Busra Karkili (Isenberg School of Management, UMass Amherst), Senay Solak (Isenberg School of Management, UMass Amherst)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L505

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Sustainable Operations

This panel presents research on various aspects of sustainable operations.

Chair: Dincer Konur (Texas State University)

Static vs. Dynamic Trucking in Inventory Management with Environmental Considerations

Dincer Konur (Texas State University), Gonca Yildirim (Gazi University)

Supply Chain of Used Garment Collection: The Remanufacturer's Cooperation with Upstream and Downstream Partners

Gulver Karamemis (Georgia Southern University), Kara Li Liu (University of Rhode Island)

Closed Loop Supply Chains in Apparel: Current State and Future Directions

Caroline Zoe Schumm (Iowa State University), Meltem Denizel-Karakaya (Iowa State University)

Environmental Strategies for Building Competitive Advantage: When Does It Pay to be "Green"?

Arda Yenipazarli (Georgia Southern University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L405

Atlanta Marriott Marquis

WORKSHOP: Advancing OSCM Scientific Knowledge through Transformative Replication Endeavors

In this workshop, we present a framework for replication endeavors that recognizes two types of replications already defined in the literature (i.e., the Exact Replication and the Methods-Only Replication) and adds to these two new types (i.e., the Bounded-Conceptual-Extension Replication and the Transformative Replication). The framework clarifies what constitutes replications and their purposes. Importantly, it identifies how the Transformative Replication can be designed and executed to assess previously-reported findings in a new effort and generate new theoretical insights not available in an earlier study. Finally, we illustrate a 7-step procedure to guide the design, execution, and presentation of a Transformative Replication.

Workshop Coordinators: Manus Rungtusanatham (York University), Mikaela Polyviou (Arizona State University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L406

Atlanta Marriott Marquis

WORKSHOP: How to Craft a Great Review

Peer review provides early career researchers with the opportunity to become active participants in the research community, gain insight into the expectations of journal editors, and improve their own research writing. In this workshop, the editors from the Journal of

Supply Chain Management, the Journal of Purchasing and Supply Management and the Decision Sciences Journal will share their advice and insider tips on how to create a high-quality review.

Workshop Coordinator: Carmela Di Mauro (DICAR - Università di Catania)

Panelists: Steven Carnovale (Florida Atlantic University), Wendy Tate (The University of Tennessee, Knoxville), Tingting Yan (Texas Tech University), Xenophon Koufteros (Texas A&M University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L403

Atlanta Marriott Marquis

WORKSHOP: Linking Finance and OSCM in the Classroom – The Supply Chain Improvement Model

In this workshop, Professor Jacobs will discuss the material in his textbooks designed to demonstrate the direct link between OSCM decisions and the financial success of the firm. The Supply Chain Improvement Model (SCIM) provides a framework for linking improvements in OSCM processes to measures that drive the financial attractiveness of a firm. The model relates measures of efficiency, operating leverage, and asset return to the impact of improvements to OSCM processes.

Workshop Coordinator: Robert Jacobs (Indiana University)

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Saturday, Nov 18th, 2023, 8:00-9:30 a.m. | L507

Atlanta Marriott Marquis

WORKSHOP: Pearson OM Focus Group

This is an invitation only session.

Workshop Coordinator: Samantha Lewis (Pearson)

Saturday, Nov 18th, 2023, 8:30-8:45 a.m.

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Saturday, Nov 18th, 2023, 8:30-8:45 a.m. | International Salon 8

Atlanta Marriott Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Introductions

Introductions to the Early Career Development Consortium.

Chair: Amit Eynan (University of Richmond)

Saturday, Nov 18th, 2023, 8:45-9:30 a.m.

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Saturday, Nov 18th, 2023, 8:45-9:30 a.m. | International Salon 8

Atlanta Marriott Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Develop Research Streams

The Early Faculty Development Consortium is designed to assist junior faculty and postdocs plan their career path for the upcoming

years. Session 1 - Develop Research Streams: How to transition from the dissertation to initiate new research streams.

Moderator: Amit Eynan (University of Richmond)

Panelists: John E Bell (University of Tennessee), Pelin Pekgun (University of South Carolina)

Saturday, Nov 18th, 2023, 9:00-10:00 a.m.

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Saturday, Nov 18th, 2023, 9:00-10:00 a.m. | International Salon 5

Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: Crafting Your Research Agenda

Creating a research agenda should be a major goal for all Ph.D. students — regardless of theoretical interests, methodological preferences, or career aspirations. A research agenda helps you orient yourself toward both short- and long-term goals; it will guide your selection of classes, help you decide which academic conferences (and within those, which specific divisions) to engage in, and steer you in recruiting mentors and research collaborators.

Moderator: Luv Sharma (University of South Carolina)

Panelists: Anant Mishra (University of Minnesota), David Dobrzykowski (University of Arkansas), Sriram Venkataraman (University of South Carolina), Deepa Wani (Georgia State University)

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Saturday, Nov 18th, 2023, 9:00 a.m.-5:30 p.m. | International Salon 1 and 2

Atlanta Marriott

Marquis

PLACEMENT SERVICES: Saturday 9am to 5pm

PLACEMENT SERVICES: Saturday 9am to 5pm Appointments Only

Saturday, Nov 18th, 2023, 9:30-10:00 a.m.

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Saturday, Nov 18th, 2023, 9:30-10:00 a.m. | Imperial B

Atlanta Marriott Marquis

COFFEE BREAK: Co-Sponsored by Baylor and Michigan State University

Coffee and Tea Break

Saturday, Nov 18th, 2023, 9:50-10:35 a.m.

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Saturday, Nov 18th, 2023, 9:50-10:35 a.m. | International Salon 8

Atlanta Marriott Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Become an Effective Teacher

The Early Faculty Development Consortium is designed to assist junior faculty and postdocs plan their career path for the upcoming years. Session 2 - Become an Effective Teacher: In light of many recent disruptions in higher education, what will it take to be a successful teacher?

Moderator: Amit Eynan (University of Richmond)

Panelists: Joy Field (Boston College), Candace Deans (George Mason University)

Saturday, Nov 18th, 2023, 10:00-11:30 a.m.

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L402

Atlanta Marriott Marquis

AWARD: Decision Sciences Journal Best Paper Competition Finalist Presentations

The Decision Sciences Journal Best Paper Finalists will present. The papers are: "Anti-Learning Behavior Toward Safety Risk: The Roles of Internal Context and Social Contagion," Knowledge-Based View of the Use of an Intermediary in New Product Manufacturing Outsourcing," and "Predicting Daily Surgical Volumes Using Probabilistic Estimates of Providers' Future Availability."

Chair: David Dobrzykowski (University of Arkansas)

Anti-Learning Behavior Toward Safety Risk: The Roles of Internal Context and Social Contagion

Xun Tong (University of Groningen), Kevin Linderman (Penn State University), Chris Lo (The Hong Kong Polytechnic University), Kee-hung Lai (The Hong Kong Polytechnic University), T. C. E. Cheng (The Hong Kong Polytechnic University)

Knowledge-Based View of the Use of an Intermediary in New Product Manufacturing Outsourcing

Qiong Chen (Southwestern University of Finance and Economics), Gulru Ozkan-Seely (University of Washington Bothell), Shouqiang Wang (The University of Texas at Dallas), Aleda Roth (Clemson University)

Predicting Daily Surgical Volumes Using Probabilistic Estimates of Providers' Future Availability

Joonyup Eun (Korea University), Vikram Tiwari (Vanderbilt), Warren S. Sandberg (Vanderbilt University Medical Center)

Coordinator: **Xenophon Koufteros**, Texas A&M University

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M109

Atlanta Marriott Marquis

BOARD MEETING: European DSI Board Meeting

A meeting of the members of the EDSI Board of Directors.

Members: Mihalis Giannakis (Audencia Business School), Guido Orzes (Free University of Bozen-Bolzano), Bart MacCarthy (University of Nottingham), Ou Tang (Linköping University), Sabine Baumann (Berlin School of Economics and Law), Carmela Di Mauro (DICAR - Università di Catania), Markku Kuula (Aalto University), Marco Sartor (University of Udine), Vivian Landrum (Decision Sciences Institute)

Chair: **PJ Byrne**, Dublin City University

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 10 Atlanta Marriott Marquis

BUSINESS ANALYTICS: Applications in Finance

This session includes talks on the matters of cryptocurrency, inflation, and stock market reaction.

Chair: Raymond Yu Shao (William Mason High School)

Examining Trust in Cryptocurrency Over-the-Counter Marketplace

Sanjeev Jha (Western New England University), Yamini Jha (Western New England University)

Zooming in on Inflation and Associations with Market Returns

Raymond Yu Shao (William Mason High School)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M304

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Theory Development in Business Analytics

This session includes talks on the integration of big data tools and statistical challenges in the theoretical applications of business analytics.

Chair: Kellie Keeling (University of Denver)

Constraint Learning to Define Trust Regions in Predictive-Model Embedded Optimization

Chenbo Shi (University of Connecticut)

Exploring an Entropy Criteria for Data Dimensionality Using a Parallel Analysis Approach

Kellie Keeling (University of Denver), Robert Pavur (University of North Texas)

Is Seeing Believing? The Impact of Blockchain-Driven Transparency on a Consumer Marketplace

Jane Jiang (University of Maryland, College Park), Ken Moon (The Wharton School, University of Pennsylvania), Wedad J. Elmaghraby (University of Maryland, College Park)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M108

Atlanta Marriott Marquis

COMMITTEE MEETING: Fellows Committee

A meeting of the members of the DSI Fellows Committee.

Members: Manus (Johnny) Rungtusanatham (University of Cincinnati), Maling Ebrahimipour (The University of Rhode Island), Julie E. Kendall (Rutgers University), Peter Ward (The Ohio State University), Asoo Vakharia (University of Florida), Kathryn Stecke (UT Dallas), Manoj Malhotra (Case Western University), Vivian Landrum (Decision Sciences Institute)

Chair: **Barbara Flynn**, Indiana University

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M107

Atlanta Marriott Marquis

CYBER SECURITY and SYSTEM RESILIENCY: Human Factors in Cyber Security

Presentations in this section explore the role of humans in reducing the threat of cyber attack.

Chair: Oteng Ntsweng (National University of Singapore)

Investigation of role stressors in cybersecurity profession

Sahar Farshadkhah (University of Illinois Springfield), Ali Vedadi (University of Tennessee Knoxville)

Users May be the Weakest Link, but Tell Them Nicely: The Effect of Minor Language Variations in Cybersecurity Communication

Oteng Ntsweng (National University of Singapore), Shem Amalaya (KPMG, Ireland), Aisius David (SUNY Oneonta), MD RASEL AL Mamun (Old Dominion University), Tshiamo Sigwele (Botswana International University Of Science And Technology), Bonani Thela (Botswana International University Of Science And Technology)

The Impact of Psychological Needs Satisfaction and Frustration on Employee Information Security Policy Compliance

Yuan Li (University of Tennessee), Fiona Fui-Hoon Nah (City University of Hong Kong)

Understanding individuals' Internet security threat ambivalence, approach, and avoidance

Yaojie Li (University of New Orleans), Xuan Wang (University of Texas Rio Grande Valley), Hanieh Javadi Khasraghi (University of Delaware)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Laying the Best Foundation for Further Instruction Using Analytics

This session will explore two approaches to adding business analytics content in the curriculum. The first documents how one university revamped their business statistics course with hands-on analytics techniques applying their business statistics to allow the new content to be incorporated into an existing course. The second proposes a "data science for all" general education course addressing data literacy that can be offered by analytics instructors.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Vern Richardson (University of Arkansas), Marcia Weidenmier Watson (Trinity University), Hunter Glanz (California Polytechnic State University), Brennan Davis (California Polytechnic State University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M106

Atlanta Marriott Marquis

DECISION SCIENCES in PRACTICE: Decision Making Methods and Models

This sessions presents different perspectives in decision making methods and models, such as in construction, technology replacement, and others.

Chair: Debjani Palit (University of North Texas)

A study of Hierarchical Risk Parity in Portfolio Construction

Debjani Palit (University of North Texas), Victor Prybutok (University of North Texas)

Predicting Technology Replacement Timing

Askar Choudhury (Illinois State University), Nathan Hartman (Illinois State University), Ted Coussens (Illinois State University)

The Impact of Corpus Choice on Word Embedding: Finance versus General Domain

Murat Aydogdu (Western New England University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: DEI Topics in Higher Education

This session includes talks that explore DEI topics within the education domain (in schools, colleges, etc.).

Chair: Bulent Erenay (Northern Kentucky University)

How Business Statistics, Business Analytics, Management Science, and Management Information Systems Courses Can Support DEI Curriculum: An LGBTQ+ Example

allison miller (Georgia College & State University), Lufus Sayeed (San Francisco State University), Sarah Heuss (Independent Scholar)

How does Group-formation in Team-based Learning (TBL) effect achieving learning outcomes and course performance?: A comparative multi-semester statistical analysis

Gokhan Egilmez (Lindenwood University), Elizabeth Melick (Lindenwood University)

How to increase socio-demographic diversity in schools considering transportation costs?

Bulent Erenay (Northern Kentucky University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M103

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: DEI Topics in Labor Markets and Workplaces

This session includes talks that explore DEI topics within contemporary labor markets and workplaces. These topics include wage gap, digital professional avatars, and labor violations.

Chair: Melinda Kay Cline (Georgia Gwinnett College)

Avatar for Work and Avatar for Play

So Ra Park (Chonnam National University)

Career Competency Perceptions: Implications for DEI

Amanda Lori Wilsker (Georgia Gwinnett College), Marieke C Schilpzand (Georgia Gwinnett College)

Supply Chain Disruptions and Labor Violations: An Empirical Investigation

Li Ding (Georgia Tech), Basak Kalkanici (Georgia Tech)

The Stubborn Persistence of the Gender Pay Gap and Ideas for New Initiatives

Melinda Kay Cline (Georgia Gwinnett College), Tyler Yu (Georgia Gwinnett College)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L406

Atlanta Marriott Marquis

EMERGING ECONOMIES RESEARCH: Showcase Session

Intended to provide mentorship and constructive feedback to researchers from emerging markets for development purposes.

Chairs: Shashank Rao (Auburn University), Tolga Aydinliyim (Baruch College)

Geopolitical Risk and Asymmetric Volatility Spillover to Stock Returns: New Evidence from the MEA Region

Mohamed Eissa (Associate Professor)

Investigation of Economic Growth in OECD Countries: A pre vs. post pandemic outlook

Alicia Maria Macias (Lindenwood University), Gokhan Egilmez (Lindenwood University)

Self-reporting of cryptocurrencies aspects and firm strategy: Sentiment analytics

Ahmad H. Jumah (University of Illinois Springfield)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Efficiency in Healthcare Operations Management

Presenters will discuss efficiency in healthcare operations management

Chair: Brandon W. Lee (University of Dayton)

Analysis of a Sterile Processing Department Using Theory of Swift and Even Flow

Lawrence Fredendall (Clemson University), Kevin Taaffe (Clemson University), Gabe Segarra (Medical University of South Carolina), Sayed Riza-Islam (Clemson University), Sudeep Hegde (Clemson University), Ken Catchpole (Medical University of South Carolina), Michael Rayo (Ohio State University), Christine Jeffries (Ohio State University)

Assessing patient satisfaction with emergency department care delivery using a patient experience framework

Yann Ferrand (Augusta University), Lawrence Fredendall (Clemson University), Jennifer Siemens (Clemson University), Danny Weathers (Clemson University), Ronald Pirralo (Prisma Health), Matthew Bitner (Prisma Health)

Deadline Effect in Stroke Patient Care

Brandon W. Lee (University of Dayton), Seokjun Youn (University of Arizona), Lawrence Fredendall (Clemson University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Fatigue, Burnout, and Safety in Healthcare

Fatigue, Burnout, and Safety in Healthcare

Chair: Teray Johnson (Harrisburg University of Science and Technology)

To work or take a break: Assessing workers' time to fatigue for occupational health

Lin Lu (Fairfield University)

The relationship between burnout and organizational culture among health systems' employees during the COVID-19 pandemic

Teray Johnson (Harrisburg University of Science and Technology), Mark Newman (Harrisburg University of Science and Technology)

Developing a safety culture model of healthcare services

DonHee Lee (Inha university), Seongno Yoon (Edward Waters University), Jongheon Kim (Auburn University-Montgomery)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L507

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Telemedicine and e-Health

Telemedicine and e-Health

Chair: C. Christopher Lee (Central Connecticut State University)

Examining Telemedicine Operations

RAJIB DUTTA (University of Arkansas), Iana Shaheen (University of Arkansas), David Dobrzykowski (University of Arkansas)

Behavioral examination of the determinants of Telemedicine adoption: An Empirical Study

Mumtahina Obaid (University of North Texas), Gayle Prybutok (University of North Texas), Victor Prybutok (University of North Texas)

The Factors Impacting Telehealth Utilization Before and After COVID-19 Outbreak

Ying-Chih Sun (Bradley University), Ozlem Cosgun (Montclair State University), Raj Sharman (University at Buffalo)

Telehealth and Hospital Performance

C. Christopher Lee (Central Connecticut State University), Lisa Baxter-Rincón (Central Connecticut State University), Ik-Whan G. Kwon (Saint Louis University), Jung Young Lee (Northern Illinois University), Young Sik Cho (Jackson State University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L506

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Business Intelligence and AI

This session attempts to unleash the Power of AI in business by exploring factors such as risk prediction, creativity, and intelligent automation.

Chair: Yue Gao (Clark University)

Assessing the Paradoxes in the Use of Pervasive, Ubiquitous, and Intelligent Information Technology

Yi Guo (University of Michigan -- Dearborn), Xiaodong Deng (Oakland University)

Automated Construction of Business Intelligence Dashboards Using Artificial Intelligence Tools

Anjana Arunkumar (Arizona State University), Arun Madapusi (Northeastern State University)

AI Based Business Risk Prediction from chat-bot data Proceeding Approach

Habib Ullah Khan (Qatar University), Muhammad Sohail (Qatar University), Shah Nazir (University of Swabi)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M301

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Navigating the Digital Frontier: Exploring Social Media, Metaverse, and Digital Transformation

This session explores the broad application of IT in Social Media, Metaverse, and Digital Transformation.

Chair: Abhijeet Kumar (University of North Texas)

Applications and Implications of Metaverse in Business Education: An Exploratory Analysis

Jaideep Motwani (Grand Valley State University), Diana Lawson (Grand Valley State University)

Delivering a Seamless and Successful Digital Experience: Lessons from Multiple Transformations

Jaideep Motwani (Grand Valley State University), Jean Essila (Grand Valley State University), Nikhat Afshan (ICFAI Business School)

What Makes Restaurants Instagrammable

Garan Kim (Korea University Business School), Byungwan Koh (Korea University Business School)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 4 Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation and NPD: Emerging Issues and Future Research Opportunities

In this session, an esteemed panel of experts on Innovation and New Product Development will discuss emerging research topics. They will broadly discuss the current state of research in Innovation and New Product Development and future research opportunities.

Moderators: Karthik Ramachandran (Georgia Institute of Technology), Shubhobrata Palit (ESADE)

Panelists: Manpreet Hora (Georgia Tech), Anant Mishra (University of Minnesota)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 6 Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Advances in Online and Hybrid Education (II)

This session includes presentations that discuss advances in online and hybrid education.

Chair: Huiling Liu (Alabama State University)

How Instructor Communication Affects Student Affective Learning in Online Supply Chain Courses

Laquanda Leaven Johnson (North Carolina A&T State University), Arim Park (North Carolina A&T State University), Stephanie E Kelly (North Carolina A&T State University)

Lessons Learned in Program Switch to HyFlex Modality

Rohit Rampal (State University of New York, Plattsburgh)

Post-pandemic Pedagogy Lessons Learned: An Evaluation of the Flipped Classroom

Jim Mirabella (Jacksonville University), Wendy Gillis (University of North Florida)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 7 Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Strategies for Improving Classroom Performance and

Management

This session includes presentations that discuss strategies for improving classroom performance and management.

Chair: Rebecca Hutchins (Appalachian State University)

An Efficient Solution to Create Class Schedules in Preparing Syllabi

Mohan Rao (Texas A&M University-Corpus Christi), Isla Schuchs Carr (Texas A&M University Corpus Christi)

Using education analytics to predict at-risk students in the university: Case Study

Nang Laik Ma (Singapore University of Social Sciences), Ivy Sook May Chia (Singapore University of Social Sciences)

Student Retention of Accounting Term

Rebecca Hutchins (Appalachian State University)

Unearthing the "Frenzy Game": A playful journey into aggregate planning adventures

Maria Trindade (SDA Bocconi - School of Management), José Alinho (Católica Porto Business School)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Exploring Cutting-Edge Solutions for Last-Mile Delivery: Pioneering Methods and Technologies

By examining these innovative approaches, this session aims to uncover ways to enhance last-mile delivery efficiency, reduce costs, and improve customer satisfaction in the rapidly evolving logistics landscape.

Chair: Matthew Jenkins (East Tennessee State University)

Considering Supply Chain 4.0 in the Last Mile Context: A Consumer Delivery Service Choice Model

Matthew Jenkins (East Tennessee State University), Marc Scott (University of Arkansas), Kenneth Pieteron (East Tennessee State University)

User Acceptance of Sidewalk Autonomous Delivery Robots for Last-Mile Deliveries

Trilce Encarnación (University of Missouri-St. Louis), Sofia Perez-Guzman (Georgia Institute of Technology), Matias Enz (University of Missouri-St. Louis), Julián Arellana (Universidad del Norte)

The Driver-Aide Problem: Coordinated Logistics for Last-Mile Delivery

S. Raghavan (University of Maryland), Rui Zhang (University of Colorado)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M302

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Novel Topics in Manufacturing, Remanufacturing, and Robotics

This session includes novel topics in manufacturing, remanufacturing, and robotics.

Chair: Sandun Perera (University of Nevada, Reno)

Robotic Mobile Fulfillment Systems: An Integrated Framework for Performance Analysis

Kerim U. Kizil (Mays Business School, Texas A&M University), Chelliah Sriskandarajah (Mays Business School, Texas A&M University), Jon Stauffer (Texas A&M University)

End-of-life Product Collection Strategy and Remanufacturing Technology Portfolio Selection

Ying Cao (Penn State University Behrend, Erie), Xianghui Peng (Penn State Erie, The Behrend College), Guang Li (Queen's University)

Data-driven Condition-based Maintenance for Perpetual Systems

Sandun Perera (University of Nevada, Reno), Varun Gupta (University of North Georgia), Hongwei Long (Florida Atlantic University), Amir Alwan (The University of Chicago Booth School of Business)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | M303

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Customers and Markets

This session includes analytical models on pricing, returns, products reviews and advertising.

Chair: Alireza Yazdani (Cal Poly Pomona)

Design of Returnless Refunds in Online Retailing

Alireza Yazdani (Cal Poly Pomona), Eren Çil (University of Oregon), Monire Jalili (Bentley University), Michael Pangburn (University of Oregon)

Managing Presales with Two Payments and Return Policy When Consumers Are Time-Inconsistent

Yunjuan Kuang (The Hong Kong Polytechnic University), Li Jiang (The Hong Kong Polytechnic University)

Triple Uncertainties: Credence Goods, Deceptive Counterfeits, and Fake Reviews

Yongqin Lei (Ivey Business School, Western University), Hubert Pun (Western University), Fredrik Odegaard (Ivey Business School, Western University)

Strategic Incentives for Comparative Advertising Investments in Non-zero-sum Competition and Economic Consequences

Arda Yenipazarli (Georgia Southern University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L405

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Evolving Sourcing and Fulfillment Opportunities

Presentations that advance knowledge of sourcing, procurement, and omnichannel fulfillment.

Chair: Daniel Taylor (Texas Tech University)

Sales Oscillation due to Short Shipping: An Empirical Study of Erratic Supply Availability and System Dynamics

Matthew Belford (Texas Tech University), Daniel Taylor (Texas Tech University), Dale Duhan (Texas Tech University)

Omnichannel Fulfillment Steering: Exploring Financial and Fulfillment Speed-based Incentives

Daniel Taylor (Texas Tech University), Sebastian Brockhaus (Cleveland State University), A. Michael Knemeyer (The Ohio State University), Paul Murphy (John Carrol University)

Revamping Purchasing and Supply Management Practices with Additive Manufacturing

Himali Patil (Texas Tech University), Kiran Patil (Texas Tech University)

Non-Presenter: **Alan Pritchard**, Texas Tech University

PROFESSOR of PRACTICE SHOWCASE: Trends and Best Practices in Teaching: Exploring Distance Learning, Non-Traditional Learners, AI Utilization, and School Collaborations

In this session, we will delve into the latest trends and best practices in teaching, with a specific focus on key topics that include distance learning, catering to non-traditional learners, leveraging AI in education, and fostering collaborations among schools.

Chair: Susan Palocsay (James Madison University)

Distance Learning: Improving Course Design with Online Standards

Keith Miller (Clayton State University), Craig Hill (Clayton State University), Kamran Moghaddam (Clayton State University), Antoinette Miller (Clayton State University)

The Teaching Notes and Reflections of Adopting Collaborative Online International Learning in Operations Management Courses Teaching

Xiangrong Liu (Bridgewater State University), Annett Grossmann (University of Applied Sciences at Heilbronn)

Status Quo, Evolution or Revolution? Undergraduate Business Education in the Next 20 Years

E. James Flynn (Indiana University), Peggy Daniels Lee (Indiana University)

SIG Town Hall for DASMALAI: Data Science, Machine Learning and AI

Interested in data science, machine learning, data mining, predictive analytics, and AI? Passionate about data-driven decision making in the realm of decision sciences? Concerned about Generative AI and/or Chat GPT? Or machines taking humans' jobs away? If so, come join us to create a special interest group within our DSI community and also by reaching out to others externally!

Chair: Asil Oztekin, UMASS-Lowell

STRATEGIC MANAGEMENT: Entrepreneurship

The papers in this session discuss Entrepreneurship, the Ecosystem of SMEs, and Women Entrepreneurs.

Chair: Adrian Chen Yang Tan (Penn State University)

Understanding How Entrepreneurs Manage Competition through Agile Action Using Entrepreneurial Competencies in Korean Startups

Byeonghwa Park (Valdosta State University), Kihyun Kim (Jacksonville State University), Sahrok Kim (California State University, Stanislaus)

Surviving in the cracks: The small and medium enterprises (SMEs) activities and strategies of the ecosystem

Cut Irna Setiawati (Yuan Ze University and Telkom University), Ming-Chao Wang (Collegt of Management, Yuan Ze University)

How women entrepreneurs influence reward-based crowdfunding performance: The mediating role of influence tactics

Ke Zhao (School of Economics and Management, Tongji University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L401

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Analytical Research in Supply Chain Management-2

This session looks at supply chain problems from an analytical perspective.

Chair: Gang Wang (University of Massachusetts-Dartmouth)

Integrated supply chain scheduling of procurement, production, and distribution under spillover effects

Gang Wang (University of Massachusetts-Dartmouth)

Integrated Supply Chain Scheduling with Equal Demands

Gang Wang (University of Massachusetts-Dartmouth)

The Impact of Reference Price Effects on Strategic Inventory in a Supply Chain

Abhishek Roy (Temple University), Subrata Saha (Aalborg University)

The Role of Live-Streaming Commerce in a Dual-Channel Supply Chain

Haiying Yang (Missouri State University), Zhuang Qian (The Pennsylvania State University Scranton Campus), Zhengping Wu (Syracuse University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | L508

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management-2

This session explores research topics that fall under the general supply chain management domain.

Chair: Pedro Martinez Reyes (Baylor University)

AI in the supply chain: past, present, and future business applications

Pedro Martinez Reyes (Baylor University), Patrick Jaska (University of Mary Hardin-Baylor)

Analyzing the Supply Chain Finance Programs in a Push or Pull Supply Chain

Xiaofeng Xie (Sichuan University), Xun Xu (California State University, Dominguez Hills), Zixuan Zhou (Sichuan University), Jing Gu (Sichuan University)

A Mobile Application Innovation for Green Grocery Crowdsourcing Application Supply Chain Coordination

Marcia Mkansi (University of South Africa), John Michael Maxel Okoche (Operations Management), Mangaliso Sipamla (University of South Africa)

What constitutes a Critical Path in Modern Supply Chains

Steven Alexander Melnyk (Michigan State University), Michael McLean (McLean Management Consultants Pty Ltd.)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: AI and Digitization in Supply Chain Risk Management

This session explores the transformative impact of AI and digitization on supply chain risk management. We will discuss innovative applications of AI, machine learning, and digital technologies in identifying, assessing, and mitigating risks within supply chains. Join this

session to uncover the potential of AI and digitization in enhancing supply chain resilience and optimizing risk management practices.

Chair: Setareh Daneshgar (University of North Texas)

Blockchain and Digitalization in Supply Chain Cyber Resilience: A Systems Thinking Approach

Saba Rezaeinejad (University of North Texas), Kiarash Sadeghi R (North Carolina A&T State University), Brian Sauser (Department of Logistics & Operations Management G. Brint Ryan College of Business, University of North Texas)

Enhancing Private Flight Safety through Machine Learning: An Evidence-Based Approach to Prevent Injuries in Private Flights

Burak Cankaya (Embry-Riddle Aeronautical University), Alyssa Reff (Embry-Riddle Aeronautical University)

Metaverse in Supply Chain Resilience: An Empirical Study

Setareh Daneshgar (University of North Texas), Kiarash Sadeghi R (North Carolina A&T State University), Divesh Ojha (University of North Texas)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Various topics in risk and resiliency

This session includes abstracts and papers which discuss supply chain risks and resiliency in various research contexts such as healthcare, sustainability, logistics, and risk mitigation methods.

Chair: Gawon Yun (Missouri State University)

Leveraging Supply Chain Flows Framework to Achieve Resilience in Maritime Shipping

Muhammad Hasan Ashraf (California State University - Long Beach), Doug Hales (The University of Rhode Island College of Business), Mehmet Gokhan Yalcin (The University of Rhode Island College of Business)

FMEA in Evaluating Supply Chain Risks

Doug Hales (The University of Rhode Island College of Business)

Literature Review and Bibliometric Analysis of Healthcare Supply Chain Risks

Jiyoon An (Fayetteville State University), Gawon Yun (Missouri State University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Emerging Issues in Sustainability

This session consists of three talks on water consumption and energy utilization.

Chair: Sufian Qrunfleh (Eastern Michigan University)

The Supply Chain Responsiveness View of Fast Fashion

Shiri Vivek (Eastern Michigan University), Sufian Qrunfleh (Eastern Michigan University)

Viewing Smart Grids from an Analytics Lens

Jonathan Lee (Auburn University), Ashish Gupta (Auburn University), Sanjeev Sinha (Auburn University)

Water Sustainability in the Supply Chain: Issues and Actions

Shane J. Schvaneveldt (Weber State University)

An Empirical Investigation of Investment Substitutability and Complementarity between Flexible and Intermittent Electricity Generation

Seyed Amin Seyed Haeri (Clemson University), Ahmet Colak (Clemson University), Safak Yucel (Georgetown University)

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Saturday, Nov 18th, 2023, 10:00-11:30 a.m. | International Salon C Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Implications of Sustainability Practices on Financial Performance and Consumers' Perceptions.

The session proposes presentations that examine the stock market reaction to social sustainability incidents, consumers' reactions to social conduct in supply chains, and similar aspects.

Chair: Cigdem Z. Gurgur (Purdue University)

Examining the Stock Market Reaction of Social Sustainability Incidents at Focal Firms

Christian Wagner (ETH Zurich), Maximilian Klöckner (ETH Zurich), Christoph G. Schmidt (ETH Zurich), Stephan M. Wagner (ETH Zurich)

Exploring Consumers' Differential Reactions to Social Conduct in Service and Manufacturing Firms

Hannan Sadjady Naeeni (Longwood University), Meg Meng (Longwood University)

Exploring the Institutional Pressures and Practices Nexus in Sustainable Supply Chain Management: A Meta-Analytic Investigation

Alina Marculetiu (Youngstown State University), Cigdem Ataseven (Cleveland State University)

Opportunities for XAI in the Financial Sector

Cigdem Z. Gurgur (Purdue University)

Saturday, Nov 18th, 2023, 10:15-11:30 a.m.

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Saturday, Nov 18th, 2023, 10:15-11:30 a.m. | International Salon 5 Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: How to Transition from a Ph.D. Student to a Full-Time Faculty

Transitioning from a Ph.D. student to a full-time faculty involves several changes and requires you to develop new skills and organize your time and life in a different way. In this session, participants will learn how to deal with the job market and how to best transition from being graduate students to a full-time faculty – including aspects such as time management, managing conflicting activities, establishing work priorities, balancing research, teaching, and service activities.

Moderator: Luv Sharma (University of South Carolina)

Panelists: Justin Kistler (University of Tennessee, Knoxville), Jonathan Phares (Iowa State University), David Dreyfus (Rutgers University - Rutgers Business School), Telesilla Kotsi (Ohio State University)

Saturday, Nov 18th, 2023, 10:35-11:20 a.m.

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Saturday, Nov 18th, 2023, 10:35-11:20 a.m. | International Salon 8 Atlanta Marriott Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Industry Engagement

The Early Faculty Development Consortium is designed to assist junior faculty and postdocs plan their career path for the upcoming years. Session 3 - Industry Engagement: To stay relevant in the classroom and research, we may partner with companies for ideas and data. How can we establish such relationships?

Moderator: Amit Eynan (University of Richmond)

Panelists: Mili Mehrotra (University of Illinois at Urbana-Champaign), Christopher Roethlein (Bryant University), Subhashish Samaddar (Georgia State University)

Saturday, Nov 18th, 2023, 11:25 a.m.-12:10 p.m.

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Saturday, Nov 18th, 2023, 11:25 a.m.-12:10 p.m. | International Salon 8 Atlanta Marriott

Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Balancing Act

The Early Faculty Development Consortium is designed to assist junior faculty and postdocs plan their career path for the upcoming years. Session 4 - Balancing Act: Although teaching and research have attracted us to the profession and consume much of our time, it will not survive without service, internal and external. How can we balance research, teaching, service and life?

Moderator: Amit Eynan (University of Richmond)

Panelists: Vijay Kannan (Utah State University), Manoj Malhotra (Case Western University), Victor Prybutok (University of North Texas)

Saturday, Nov 18th, 2023, 11:30 a.m.-1:00 p.m.

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Saturday, Nov 18th, 2023, 11:30 a.m.-1:00 p.m. | Marquis A-B Atlanta Marriott Marquis

DOCTORAL CONSORTIA: Luncheon Co-sponsored by Alpha Iota Delta and DSI

Attendees of the Doctoral Consortia are invited to this luncheon to continue discussions, network and meet colleagues. NOTE: this luncheon is for registered Doctoral Consortia attendees only.

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Saturday, Nov 18th, 2023, 11:30 a.m.-1:00 p.m. | On Your Own Atlanta Marriott Marquis

MEAL: Saturday Lunch On Own

Enjoy lunch with colleagues at the variety of venues available at the hotel or nearby.

Saturday, Nov 18th, 2023, 12:10-12:20 p.m.

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Saturday, Nov 18th, 2023, 12:10-12:20 p.m. | International Salon 8

Atlanta Marriott Marquis

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Conclusions

Conclusions

Chair: Amit Eynan (University of Richmond)

Saturday, Nov 18th, 2023, 12:45-1:20 p.m.

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Saturday, Nov 18th, 2023, 12:45-1:20 p.m. | International Salon 5

Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: How to Write a Syllabus

Your syllabus gives students a first impression of what to expect from your course and fosters their curiosity and interest. A comprehensive syllabus helps you to structure and articulate your course expectations in support of student learning. An effective course syllabus fulfills several important functions. In particular, it sets the tone for the course, it communicates what, when, and how students will learn, it clarifies for students what they need to do in order to be successful, it communicates expectations in terms of student responsibilities, and it avoids misunderstandings about course policies.

Presenter: Qiannong (Chan) Gu (Ball State University)

Saturday, Nov 18th, 2023, 1:00-2:30 p.m.

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M103

Atlanta Marriott Marquis

ACCOUNTING: Financial Statements Disclosure

Corporate Social Responsibility (CSR) disclosures encompass voluntary information companies provide about their environmental, social, and ethical practices. These disclosures detail initiatives related to sustainability, community engagement, employee welfare, and more. Companies use CSR disclosures to demonstrate their commitment to responsible business practices, foster transparency, and engage stakeholders. In this session, two papers examine CSR disclosures, while the third one studies the effect of CEOs' narcissism on innovation disclosure.

Chair: Rebecca Hutchins (Appalachian State University)

Board Effectiveness and Corporate Social Responsibility Disclosures in light of Cultural Dimensions: What changed during the COVID-19 Pandemic?

Asma Yousuf (The University of Western Australia), Husam Aldamen (Qatar University), Ghassan H. Mardini (College of Business and Economics, Qatar University, Qatar)

Disclosure, Narcissism and Impression Management

Mostafa Hassan (Qatar University), Fathia Lahyani (Qatar University), Shahriar Saadullah (Qatar University)

Earnings Management and COVID-19 Disclosure: The Role of Internal and External Monitoring Mechanisms
Hend Monjed (Qatar University), Nader Mahmoud Ali Elsayed (Qatar University), Hany Kamel (Qatar University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M106

Atlanta Marriott Marquis

AWARD: Decision Sciences Journal of Innovative Education Best Paper Awards

In this session, we recognize outstanding papers published in the Decision Sciences Journal of Innovative Education (DSJIE) during 2023. Winners and finalists for the Best DSJIE Research Paper and Best DSJIE Teaching Brief awards will present their work on teaching and learning in the decision sciences.

Chair: Susan Palocsay (James Madison University)

Making a good career choice: A decision-analytical intervention to enhance proactive decision-making and career choice self-efficacy in high school students

Johannes Ulrich Siebert (Management Center Innsbruck), Maxi Becker (Humboldt University of Berlin), Nadine Oeser (University Bayreuth)

Student satisfaction with R vs. Excel in data mining and business analytics: A Herzberg's motivation-hygiene theory perspective

Siva Sankaran (California State University, Northridge), Kris Sankaran (University of Wisconsin), Tung Bui (University of Hawaii at Manoa)

Teaching root cause analysis in healthcare management with Grey's Anatomy

Natallia Gray (Iowa State University), Olga Petrova (The University of Tampa)

The Effectiveness of a Field Observation Exercise to Learn Process Management

Naser Nikandish (Johns Hopkins University), Dayoung Kim Kim (California State University, Fullerton), Rommel O. Salvador (California State University, Fullerton)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Business Analytics and OM interface Applications

This session includes talks on operations management and business analytics interface issues.

Chair: Xun Xu (California State University, Dominguez Hills)

Information sharing and ripple effect in disrupted logistic network

Lanqing Du (Ph.D. Candidate), Jinwook Lee (Assistant Professor)

Investigating Crowdsourced Deliverymen's Exploration Behavior in the Online-to-offline Business Mode

Qin Xiao (Central University of Finance and Economics), Xun Xu (California State University, Dominguez Hills), Hongyan Dai (Central University of Finance and Economics)

Sales Forecasting and Raw Material Procurement for Manufacturing Industry Considering Supply Chain Fluctuations under COVID-19 Pandemic

Xi-Xi Han (Northeastern University, Shenyang 110169, China), Zhen-Yu Chen (Northeastern University, Shenyang 110169, China), Minghe Sun (The University of Texas at San Antonio), Hong-Yue Tian (Northeastern University, Shenyang 110169, China)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M108

Atlanta Marriott Marquis

COMMITTEE MEETING: Chapter Presidents Committee

A meeting of the members of the DSI Chapter Presidents Committee.

Members: David Dobrzykowski (University of Arkansas), Victor Prybutok (University of North Texas), Bart MacCarthy (University of Nottingham), Khaled Alshare (Qatar University), Qiannong (Chan) Gu (Ball State University), Homer Bonitsis (NJIT), Binshan Lin (Louisiana State University Shreveport), Venu Gopalakarishna-Remani (University of Texas at Tyler), Pia Gupta (CSU Long Beach), PJ Byrne (Dublin City University), Antony Paulraj (NEOMA Business School), Khalid Al-Abdulqader (Qatar University), Vivian Landrum (Decision Sciences Institute)

Chair: Pedro Martinez Reyes, Baylor University

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Integrating Essential Coverage in Introductory Data Oriented Business Classes

This session features three perspectives on essential business program topics to be covered effectively in introductory data analysis classes. They present justification for topic inclusion and include their experiences with this integration. The first addresses integrating Excel and GAISE recommendations in introductory business statistics. The second addresses integrating Machine Learning applications into a core undergraduate business analytics. The third addresses balancing technical, analytical, and managerial program content for an undergraduate business program.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Sanjiv Jaggia (California Polytechnic State University, San Luis Obispo), Alison Kelly (Suffolk University), Regina Gramling (Auburn University), Kelly Rainer (Auburn University), Dominic Thomas (Kennesaw State University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Funding Opportunities for DEI Research

This panel will bring together experts who have experience with securing funding for DEI research. One of the focus areas of discussion would be on National Science Foundation (NSF) funding. NSF funding provides opportunities for individual researchers and teams to understand barriers and create methods for increasing diversity, equity and inclusion in STEM fields.

Moderators: Sriram Narayanan (Michigan State University), Priyank Arora (University of South Carolina - Darla Moore School of Business)

Panelists: Pascal Van Hentenryck (Georgia Institute of Technology), Basak Kalkanici (Georgia Tech), Jayashankar Swaminathan (University of North Carolina at Chapel Hill)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L406

Atlanta Marriott Marquis

DOCTORAL RESEARCH SHOWCASE: Showcase Session

Highlights future scholars by showcasing their doctoral research. This session is exclusively for doctoral student papers that are in advanced stages of conceptualization, with the objective of the showcase to receive mentoring and feedback on these papers.

Chairs: James Abbey (Texas A&M University), Tolga Aydinliyim (Baruch College)

CART Primed ANFIS Forecasting

Justin Lynn Shoger (Binghamton University)

Data-driven Inference and Optimization for Imputing Non-observable Human Preferences in Staff Scheduling

Jiangxue Han (The University of Hong Kong), Yong-Hong Kuo (The University of Hong Kong)

Social Media Capabilities and Customer Engagement impact on Decision-Making Performance

hussam alansari (Morgan State University)

The supply chain of licensed operators in the US nuclear energy industry: Disruption risk identification, theory, and implications

Aaron Heinrich (Texas A&M University), Trevor Hale (Texas A&M University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Analysis of Efficacy in Contracts and Policy

This session takes a look at healthcare budgeting, contracts, and data-mining as a look to making healthcare administration more efficient.

Chair: Fen Wang (Central Washington University)

An Analysis of Health Care Expenditure in Washington State

Xingguo Zhang (Office of Financial Management of WA), Mandy Stahre (Office of Financial Management of WA), Fen Wang (Central Washington University)

Data mining in healthcare: applications, implications, and solutions

Aurore Jose Kamssu (Tennessee State University), Sarah Charboneau (Tennessee State University), Thaddeus Peyton (Tennessee State University), Peyton Williams (Tennessee State University)

The impacts of corruption and e-government on health information exchange for public and private hospitals

BERNARD T HAN (Western Michigan University), Utkarsh Shrivastava (Western Michigan University), Mohammad Daneshvar Kakhki (Western Michigan University), J Michael Tarn (Western Michigan University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Healthcare Workforce Management and Hospital Operations

Healthcare Workforce Management and Hospital Operations

Chair: Umit Celik (UNC-Chapel Hill, Kenan Flagler Business School)

How Recreational Cannabis Legalization Affects Hospital Operations: Workload Ramifications and Speeding Up Care for Other Patients

Max Yakovlev (Kellogg School of Management, Northwestern University), Maria R Ibanez (Kellogg School of Management, Northwestern University)

Hospital Diversity Programs and Healthcare Performance: Exploratory Empirical Analysis of Antecedents and

Consequences

Aaron Bonnett (Texas A&M University), Gregory Heim (Texas A&M University), Pelin Kesrit (Texas A&M University), Seung Jun Lee (Chung-Ang University)

Impacts of Staff Collaborations on the Service Time for Inpatient Stays: An Analysis using EHR Audit Logs and Dynamic Graphs

Gaurav Jetley (Colorado State University), He Zhang (University of South Florida)

Does Physician Choice of When to Perform EHR Tasks Influence Total EHR Workload?

Umit Celik (UNC-Chapel Hill, Kenan Flagler Business School), Sandeep Rath (UNC-Chapel Hill, Kenan Flagler Business School), Saravanan Kesavan (UNC-Chapel Hill, Kenan Flagler Business School), Brad Staats (UNC-Chapel Hill, Kenan Flagler Business School)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon A

Atlanta Marriott Marquis

HUMANITARIAN OPERATIONS and DISASTER MANAGEMENT: Humanitarian Operations during Slow-onset Disasters

This session offers a comprehensive exploration of humanitarian operations within the realm of slow-onset disasters, encompassing poverty and hunger, alongside the implementation of infrastructure improvement projects. It delves into the multifaceted challenges posed by these interconnected crises and underscores the critical role of sustainable development initiatives.

Chair: Milad Baghersad (Florida Atlantic University)

A Two-Stage Stochastic Programming Model to Plan for the Central Texas Food Bank's Inventory Management after COVID-19

Jakir Hassan (Texas State University), Clara Novoa (Texas State University)

Resource Allocation Strategies in Critical Infrastructure Improvement Projects

Milad Baghersad (Florida Atlantic University), Christopher W. Zobel (Virginia Tech), Mehdi Farahani (University of Miami), Ravi S Behara (Florida Atlantic University)

Uncovering Challenges in Ensuring Equitable Public Service Delivery to Vulnerable Populations During Slow-Onset Disasters

Duygu Pamukcu (HEC Montreal), Christopher W. Zobel (Virginia Tech)

Using Situational Theory of Problem Solving to Explore the Factors Influencing Social Media Use by Underserved Communities for Disaster Management

Louis Ngamassi (Prairie View A&M University), Thiagarajan Ramakrishnan (Prairie View A&M University), Shahedur Rahman (Prairie View A&M University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L506

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Blockchain and FinTech

This session explores emerging trends in cryptocurrency and blockchain

Chair: Donghyup Woo (University of Pittsburgh at Greensburg)

Predicting Altoin Prices In Cryptocurrency Bear Market

Fauziya Ado Yakasai (Auburn University), Tagbo Aroh (Auburn University), Yoon Sang Lee (Columbus State)

University), Chulhwan Chris Bang (Georgia Southern University), Donghyup Woo (University of Pittsburgh at Greensburg)

Strategic Blockchain Adoption Considering Motivation to Sell Counterfeits

Jingjing Weng (Temple University), Abhishek Roy (Temple University), Subodha Kumar (Temple University)

The Use of Cryptocurrency and Blockchain in the Financial Industry: A Users Behavioral Intent

Cheryl Aasheim (University of Florida), Hayden Wimmer (Georgia Southern University)

Teaching Blockchain in USA Universities

Teuta Cata (Northern Kentucky University), Susan Brudvig (Northern Kentucky University), Xiaoni Zhang (The University of Alabama at Birmingham)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L505

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Consumer Behavior and Information Technology

Studies in this session unravel the impact of mixed reality, purposeful Internet use, personalized push notifications, and AI-Generated voice-overs on digital experiences and consumer behavior.

Chair: Jung Hwan Kim (Appalachian State University)

Mixed reality and consumer decision making process

Hong Qin (UTRGV)

The influence of Ads with AI-Generated Voice-Overs on Viewer Willingness to Buy

Alsus David (SUNY Oneonta), Oteng Ntsweng (National University of Singapore), MD RASEL AL Mamun (Old Dominion University)

Purposeful Internet Use and the Digital Divide in the United States: A Pandemic Outlook

Avijit Sarkar (University of Redlands), James B. Pick (Uni), Owen Giron (University of Redlands)

The Effects of Personalized Push Notifications on Mobile Shoppers' Attitude Towards Push Notification Engagement and Acceptance.

Mbuso Levon Gama (National Cheng Kung University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L503

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: RFID and ERP

Studies in this session explore ERP adoption, RFID relevance, and change management in ERP continuance.

Chair: Elias Kirche (Florida Gulf Coast University)

Investigating Enterprise Resource Planning (ERP) Systems Adoption by Family-Owned Businesses.

Jean Essila (Grand Valley State University)

Is RFID Still Useful?

Qiannong (Chan) Gu (Ball State University), John Visich (Bryant University), Pedro Martinez Reyes (Baylor University), Basheer M. Khumawala (University of Houston)

Understanding ERP Continuance Usage from Change Management Perspective

Fan Zhao (Florida Gulf Coast University), Elias Kirche (Florida Gulf Coast University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 4

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation and Problem-Solving

This session comprises four presentations on innovation and problem-solving.

Chair: Shubhobrata Palit (ESADE)

Breaking Barriers and Forging Innovations: Examining the Nexus of Female Representation at the Executive Level and New Product Introductions

Anto John Verghese (University of North Texas), Vivek Astvansh (Indiana University)

Innovation and Knowledge Accumulation in Buyer-Supplier Networks

Shubhobrata Palit (ESADE), Manpreet Hora (Georgia Tech), Soumen Ghosh (Georgia institute of Technology)

Innovation Supply Chain and Market Structure

Junwoo Cha (University of Tennessee), Seongkyoon Jeong (University of Tennessee, Knoxville), Zac Rogers (Colorado State University), Anand Nair (Northeastern University)

Traversing the problem-solution space: An investigation of the creative problem-solving journey in Ikea hacks

Shi-Ying Lim (National University of Singapore), Tian Chan (Emory University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 6

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Applications of ChatGPT in the Classroom (I)

This session includes presentations related to the use of ChatGPT in learning settings.

Chair: Colleen Carragher-Wolverton (University of Louisiana at Lafayette)

ChatGPT in Online Learning

Colleen Carragher-Wolverton (University of Louisiana at Lafayette)

Enhancing Class Teaching Using ChatGPT

Xiaoqing Li (University of Illinois at Springfield)

Experimenting the ChatGPT in a Data Analytics Course

Xiaoguang Tian (Purdue University Fort Wayne)

Inquiry Based Learning Approach for OSCM and Business Analytics Courses with ChatGPT

Kaushik Sengupta (Hofstra University), Alexander Pelaez (Hofstra University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 7

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Strategies for Teaching Business and Data Analytics

This session includes presentations focused on teaching analytics.

Chair: Yao Zhao (Rutgers University)

Literature Review of Benefits and Challenges of Learning Analytics in Higher Education

Ali Beheshti (University of Houston Clear Lake), Xiaojun Gene Shan (University of Houston Clear Lake), Ki Young Jeong (University of Houston Clear Lake)

Optimizing Cognitive Learning and Promoting Student Engagement: Strategies for Managing Workload and Anxiety in Gateway Programming Course

Hyesung Park (Georgia Gwinnett College), Kihyun Kim (Jacksonville State University)

Analytics Professors Are in a Strong Position for Data Science Curriculum Innovation on Campus

Brennan Davis (California Polytechnic State University), Hunter Glanz (California Polytechnic State University)

Teaching Analytics Without Coding

Yao Zhao (Rutgers University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Exploring Novel Methods and Real-world Implementations in Network Design and Transportation Problem Solving

In this session, topics related to innovative approaches and applications of Network Design and Transportation problems will be discussed.

Chair: Hadi Farhangi (Savannah State University)

A Community-focused Electric Vehicle Charging Network Location Study: A Joint Urban Planning and Industrial Engineering Approach

Shahab Sadri (University of Louisville), Long Zheng (Fedex), Lihui Bai (University of Louisville), Sumei Zhang (University of Louisville)

Logistic Hub Location Problem Under Fuzzy Extended Z-numbers

Maysam Tarighi Shaayesteh (UNT)

Transportation Problem with Multiple Trucks and Constraints on Capacity and Budget

Hadi Farhangi (Savannah State University), Abel Hafize Ouedraogo (Savannah State University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | A702

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Unlocking Human Dynamics: Delving into Behavioral Aspects of Transportation and Logistics

This session includes discussions about how behavioral aspects of logistics and interactions between stakeholders impact transportation and logistics systems.

Chair: Chris Faires (Georgia Southern University)

The interorganizational and interpersonal interaction in buyer - supplier relationship

Daniel Prajogo (Monash University)

Reducing the uncertainty of return channel choice through nudge interventions in an omnichannel retail environment

Chris Faires (Georgia Southern University), Haozhe Chen (Iowa State University), Robert Overstreet (Iowa State University)

Deciphering Consumer Decision-Making in Drone Deliveries: A Configurational Approach Analysis

Vipul Garg (University of North Texas), Suman Niranjani (University of North Texas), Victor Prybutok (University of North Texas), Terrance Pohlen (University of North Texas), David Gligor (Florida Gulf Coast University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M303

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Digital Marketplaces and Online Identities

This session covers topics in online identities, digital personalities, trading, and digital marketplaces.

Chair: Devdeep Maity (Delaware State University)

Analyzing the Influence of Online Influencers on Day Trading Behavior Amidst the COVID-19 Pandemic

Heng Xie (California State University, Sacramento), Lili Gai (University of Texas Permian Basin), Gary Peckham (Texas Christian University)

Facebook Consumer Behaviors of Q-PLHA: Impression Management and Privacy Enigma Influence

Guruprasad Yashwant Gadgil (University of Alaska Anchorage), Victor Prybutok (University of North Texas), Gayle Prybutok (University of North Texas)

How Digital Personalities Impact Product and Service Consumption among Consumers

Devdeep Maity (Delaware State University), Ashwini Gangadharan (Kutztown University of Pennsylvania)

Analyzing the Effect of Avatar's Social Presence in Customer Online Experiences and the Avatar Usage Intent in Purchase Intention

Ali Sanayei (University of Isfahan), Behnoosh Ansari (Hasht Behesht Higher Education Institute)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M301

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Improving Employee Performance

This session will explore ways to effectively improve employee performance.

Chair: Sang-Heui Lee (Pittsburg State University)

Exploring Covid19 Effects on IT Employee Job Satisfaction Antecedents – A text mining approach

Vatsal Paghadal (University of Central Missouri), Golnoush (Julie) Javan (University of Toledo), Benjamin T George (University of Toledo)

Implications of Layoffs on Employee Emotions and Performance

Hasan Celik (Robert Morris University), Audhesh Paswan (University of North Texas)

Individuals' psychological capital, information technology self-efficacy, and work performance

Eun Young Nae (Pittsburg State University), Sang-Heui Lee (Pittsburg State University)

Teamwork and Employee Performance in a Recessed Economy

MUSAH ISHAQ (FEDERAL POLYTECHNIC AUCHI)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L405

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Empirical Supply Management

Supply management research with an empirical focus.

Chair: John Patrick Paraskevas (University of Tennessee, Knoxville)

The influence of top management team characteristics on supply chain risk management decisions

John Patrick Paraskevas (University of Tennessee, Knoxville), Laharish Guntuka (Rochester Institute of Technology), Thomas Corsi (University of Maryland), Camil Martinez (Universidad de Los Andes)

The Effects of the COVID-19 pandemic and Contract Characteristics on U.S. Federal Government Contract Award Decisions: A Resource Dependence Perspective

Robert Wiedmer (Arizona State University), David C Novak (University of Vermont), Carlos Mena (Portland State University), Davide Luzzini (EADA Business School)

Currency Exchange Within Ideologically Infused Psychological Contracts and Responses to Breaches

Vladyslava Snyder (University of Tennessee), Wendy Tate (The University of Tennessee, Knoxville), Stephanie Eckerd (University of Tennessee)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M109

Atlanta Marriott Marquis

SIG Town Hall for The Teaching Professional

Interested in ways to enhance your classroom experience? Developing engaging activities for face-to-face and/or online sections? Predominately responsible for teaching? Let's create a community of DSI teaching professionals, to share insights on our pedagogy and the challenges of working across modalities.

Chair: Karen Eboch, Bowling Green State University

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L402

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Leadership in Operations and Supply Chains

Papers in this session address Employee-Organization relationships, leadership in supply chain management, and digital retrofitting.

Chair: Abhijeet Kumar (University of North Texas)

Explore the Employee-Organization Relationship

Pei-Chen Chen (Tainan University of Technology), Ming-Chao Wang (College of Management, Yuan Ze University)

How does supply chain leadership relate to sustainability performance? disaggregated and mediation analyses

Ishmael Nanaba Acquah (Kwame Nkrumah University of Science and Technology), David Asamoah

(Kwame Nkrumah University of Science and Technology), Abdul-Samed Muntaka (Kwame Nkrumah University of Science and Technology), Dominic Essuman (The University of Sheffield), Emmanuel Kweku Quansah (Kwame Nkrumah University of Science and Technology)

When Industry 4.0 Meets World Class Manufacturing: Developing a Smart Digital Retrofitting Strategy for Sustainable Manufacturing Operations

Claudia Franzè (Politecnico di Torino), Sabine Baumann (Berlin School of Economics and Law), Andrea Bellagarda (Politecnico di Torino), Danilo Pesce (Politecnico di Torino), Alessandro Merlino (Politecnico di Torino), Jörg Walter (OFFIS Institute for Information Technology, Oldenburg, Germany)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L401

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Auto Supply Chains

This session looks at innovative topics in auto supply chains.

Chair: Amin Abbasi Pooya (School of Business, University of Kansas)

Insuring Autonomous Vehicles: Perspectives from Operations Management

Amin Abbasi Pooya (School of Business, University of Kansas), Nagarajan Sethuraman (School of Business, University of Kansas), Suman Mallik (School of Business, University of Kansas)

Inventory and firm performance analysis in the global auto industry

Jeong Hoon Choi (Youngstown State University), Sangdo Choi (o9 Solutions), Seung Jin Ryu (Nagoya University of Commerce and Business)

Managing volatile inventory: The unit level observation in the auto industry

Zhuang Qian (The Pennsylvania State University Scranton Campus), Chia-Hung Chuang (University of North Dakota), Chung-Yean Chiang (University of South Carolina Upstate), Xiao Tang (University of South Carolina Upstate)

Exploring Circular Economy Practices for Mitigating Natural Resource Dependence in the Electric Vehicle Battery Industry

Salim Eray Celik (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute), Abdullah Yildizbasi (Worcester Polytechnic Institute)

103

Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L507

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Retail Operations

The retail segment is constantly changing, and it is essential to understand the new retail industry trends. This session aims to explore the latest trends and challenges facing the retail sector.

Chair: YAO CHEN (Clemson University)

A Tri-Motor Process Theory of Consumer Return Policies

Nadja Vorontsova (The University of Tennessee), Huseyn Abdulla (The University of Tennessee), Thomas Goldsby (The University of Tennessee)

Achieve Superior Performance Through Omni-channel Reverse-Logistics: An Investigation into the Facilitators&Barriers of Omnichannel Returns and Their Impact on Customer Repurchase

Jianliang Hao (California State University, Chico), Tyler Morgan (Auburn University), Glenn Richey (Auburn University), Ian Slazinik (Auburn University)

Vertical Channels with Manufacturer-Quality and Retailer-Effort Induced Demand in the Presence of Strategic Inventory

Abhishek Roy (Temple University), Ganesh Balasubramanian (T A Pai Management Institute)

Assessing the Impact of ESG Violations on Brand-Level Sales

YAO CHEN (Clemson University), Serkan Akturk (Clemson University), Rakesh Mallipeddi (The Ohio State University), Arvind Mahajan (Texas A&M University)

Jumping the Queue: Managing Early and Same-Day Appointments

Yunxia Zhu (University of Nebraska-Lincoln), Rakesh Mallipeddi (The Ohio State University), Jon Stauffer (Texas A&M University), Chiraag Mittal (University of Virginia)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L508

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management-4

This session explores research topics that fall under the general supply chain management domain.

Chair: Aseem Kinra (University of Bremen)

Developing multilevel explanations for global facility location decisions: Identifying the relationships between Micro and Macro level location determinants

Aseem Kinra (University of Bremen), Debarshee Bhardwaj (Universität Bremen)

Strategies for Maximizing Throughput Through Seaports

Krishan Chander Rana (Alabama A&M University), Emeka Dunu (Alabama A&M University), Jifeng Mu (Alabama A&M University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L404

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Supply Chain Risk and Resiliency Analytics

This session will accept papers from Supply chain risk and resiliency analytics and will accept papers and presentations from sustainability, ESG, general uncertainty area analytics applications

Chair: Burak Cankaya (Embry-Riddle Aeronautical University)

Enhancing Private Flight Safety through Machine Learning: An Evidence-Based Approach to Aircraft Damage Prevention

Burak Cankaya (Embry-Riddle Aeronautical University), Alyssa Reff (Embry-Riddle Aeronautical University)

Sustainable Business Performance Improvement with Machine Learning: A Case Study from Brazil Airlines

Kamil Ciftci (CSU-Fresno)

Advanced data analytics for improving the reliability of trucks and supply chain safety

Abdurrezzak Sener (PSU Beaver), Ozlem Cosgun (University of Science and Technology), Asil Oztekin (UMASS-Lowell)

How Airlines Rebound from Disruptions in terms of Pilots

Bulent Erenay (NKU), Burak Cankaya (Embry-Riddle Aeronautical University), Eyyub Kibis (Montclair State University), Ozlem Cosgun (Montclair State University), Aaron Glassman (Embry-Riddle Aeronautical University)

106

Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Decision Making in Supply Chain Risk Management

This session delves into the realm of decision-making in supply chain risk management. We will share insights on effective decision-making strategies to mitigate and respond to risks within supply chains. Join this session to gain valuable knowledge and practical techniques for making sound decisions in the face of supply chain uncertainties and disruptions.

Chair: Jingyi Wu (Boston University)

Decision Support Model for Ranking Risk Management Approaches

Zhilin Liu (Boston University), Hanyi Zheng (Boston University), Jingyi Wu (Boston University), John Maleyeff (Boston University)

Unveiling the Power of Information Sharing between Firm Innovativeness and Supply Chain Resilience

Hasan Uvet (Georgia Gwinnett College), John Dickens (Air Force Institute of Technology), Jason Anderson (Air Force Institute of Technology), Sergey Y. Ponomarov (The Citadel)

Sourcing Strategies for Managing Disruption Risks in Supply Chain

Purushottam Meena (College of Charleston)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Socially Responsible Operations

The study of emerging topics in socially responsible operations seeks to identify and understand the latest trends, challenges, and opportunities in the field. It also explores the role of technology, innovation, and collaboration in advancing socially responsible operations and achieving sustainable business growth. The study of emerging topics in socially responsible operations is essential for scholars, practitioners, and policymakers to stay up to date with the latest developments in the field and make informed decisions that promote social and environmental sustainability.

Chair: Fahimeh Chomachaei (University of Massachusetts Boston)

Political Polarization and Platform Migration: A Case Study of Parler and Twitter Usage by United States of America Congress Members

Golshan Madraki (Clarkson University)

Does Financial Performance Have Impact on CO2 Emissions: An Empirical Study in Airline

Sepideh Kaffash (Suffolk University), Fahimeh Chomachaei (University of Massachusetts Boston)

Airport Sustainability: A Risk Assessment

Peace Ijeoma Aludogbu (New Mexico State University), Muhammad Umar Farooq (New Mexico State University), ZERUI CHEN (New Mexico State University)

Social Capital and Workplace Misconduct

SAHA IQBAL HOSSAIN (TEXAS A&M INTERNATIONAL UNIVERSITY), Md Ismail Haidar (University of Texas Rio Grande Valley)

108

Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | International Salon C

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Strategic Factors Leading Firms to Engage in Sustainable Practices.

The session contains presentations that propose a sustainable organizational framework by integrating quality management and supply chain management, reasons why firms should appoint a higher-level executive in the firm's C-suite, and firm-level strategic aspects to lead firms to adopt environmentally friendly practices.

Chair: Lu Xu (University of North Georgia)

A Sustainability Focused Organizational Framework

Lu Xu (University of North Georgia), Xinyu Wei (California State University, Chico), Ying Cao (Penn State University Behrend, Erie), Xianghui Peng (Penn State Erie, The Behrend College), Victor Prybutok (University of North Texas)

Compliance or Commitment? Factors that Lead to the Appointment of Chief Sustainability Officers (CSOs)

Yu Liu (Saginaw Valley State University)

Spatial Interdependence of Environmental Nonprofits

M.K. Kim (Kansas State University), Zhiwei Zhang (Kansas State University), Gao Liu (Florida Atlantic University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M304

Atlanta Marriott Marquis

WORKSHOP: DSJ Meet the Department Editors

This session will showcase the Fast Track and Replication Research departments of the Decision Sciences Journal.

Presenters: Yinliang (Ricky) Tan (University of Houston), Yan Dong (University of South Carolina), Manus Rungtusanatham (York University), Subhashish Samaddar (Georgia State University), Scott Webster (Arizona State University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M107

Atlanta Marriott Marquis

WORKSHOP: Gen Z , What Makes Them Tick?!

Our student population is Gen Z. Gen Z is a generation that grew up facing one crisis after another; 2008-09 recession knocked their parents out of work, the era of school shootings and other domestic terrorism. They've only known political polarization, have watched national protests, and have soldiered on through the current pandemic and lockdowns. This workshop is facilitated by Professor Laura Reece, and Dr. Jenny Hinebaugh, from Embry Riddle Aeronautical University (ERAU), O'Malley College of Business. Come to this workshop to learn about the Gen Zs - the student we serve and our new co-workers.

Workshop Coordinator: Jennifer Lynn Hinebaugh (Embry-Riddle Aeronautical University)

Presenter: Laura Hill Reece (ERAU Daytona Beach)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | L403

Atlanta Marriott Marquis

WORKSHOP: Integrating Team-based Learning (TBL) into Various Teaching Modalities: A

Theoretical and Practical Overview

In this workshop, we will initially provide background about how team-based learning (TBL) was investigated in the literature. Secondly, we will focus on practical steps to integrate TBL in different modalities (online, on-ground, hybrid) and types of TBL. Various strategies for effective group formation will be presented. Lastly, best practices which contribute to the professional and personal growth of students as well as assist with instructional design and curriculum development strategies will be shared with the audience. The authors have developed and taught courses in both undergraduate and graduate levels where TBL was used in various modalities, lengths, and types.

Workshop Coordinator: Gokhan Egilmez (Lindenwood University)

Presenter: Elizabeth Melick (Lindenwood University)

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Saturday, Nov 18th, 2023, 1:00-2:30 p.m. | M302

Atlanta Marriott Marquis

WORKSHOP: Teaching Management Statistics and Management Science Using Video Quizzing: An Innovative Digital Approach

This workshop will explore the educational benefits of using an online quizzing system in teaching quantitative classes. We will focus on the proven benefits of utilizing video quizzing, such as improved student outcomes, and provide insights and best practices around implementing video quizzing in the course structure. Participants will learn how to create and implement a video quiz based on a highly reviewed video quiz system (including videos with animations) used in Management Statistics and Management Science courses. Overall, the workshop seeks to enhance the teaching experience for technology-based courses by utilizing innovative technology tools.

Workshop Coordinators: Tatiana Rudchenko (Georgia Institute of Technology), Vincent Spezzo (Georgia Institute of Technology)

Saturday, Nov 18th, 2023, 1:25-2:00 p.m.

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Saturday, Nov 18th, 2023, 1:25-2:00 p.m. | International Salon 5

Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: Engaging Students in Teamwork Activities

Team building is not just for the corporate workplace — it can also be used in business classrooms to encourage collaboration, problem-solving and decision-making. Engaging, relevant team-building activities for students can energize the classroom environment and take learning to a new level. By accomplishing group tasks, students learn to listen, trust and support each other, while developing skills such as communication and collaboration that can't be learned from a textbook.

Presenter: John Visich (Bryant University)

Saturday, Nov 18th, 2023, 2:05-2:40 p.m.

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Saturday, Nov 18th, 2023, 2:05-2:40 p.m. | International Salon 5

Atlanta Marriott Marquis

DOCTORAL CONSORTIUM: How to Engage with Industry, Government and Professional Associations for Research, Education and Service

Effective collaboration between academics, and industry, government and professional associations is critical for business and

management teaching and research. It can (1) inspire research topics that are relevant to business, (2) encourage the implementation of research findings, (3) introduce professional experiences to your class, and (4) provide opportunities for serving communities. However, conducting collaborative research and engaging university-industry relationship is not always easy; professional organizations can also play a critical role, but how to connect with them and how they can help is not common knowledge.

Moderator: Luv Sharma (University of South Carolina)

Panelists: Nagesh Murthy (University of Oregon), Pelin Pekgun (University of South Carolina), Dale Rogers (Arizona State University)

Saturday, Nov 18th, 2023, 2:30-2:50 p.m.

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Saturday, Nov 18th, 2023, 2:30-2:50 p.m. | Imperial B

Atlanta Marriott Marquis

COFFEE BREAK: Co-Sponsored by Indiana University and DSI

Coffee and Tea break

Saturday, Nov 18th, 2023, 2:50-4:20 p.m.

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Saturday, Nov 18th, 2023, 2:50-4:20 p.m. | Imperial A

Atlanta Marriott Marquis

KEYNOTE: AI-Assisted Large-Scale Decision Making for Societal and Technological Challenges

The fusion of machine learning and optimization has the potential to achieve breakthroughs in decision making that the two technologies cannot accomplish independently. This talk reviews a number of research avenues in AI-Assisted Decision Making, including the concept of optimization proxies and end-to-end learning and optimization. The benefits of these new scientific advances are demonstrated on a number of fundamental societal challenges in energy, supply chains and manufacturing, and transportation.

Presenter: Pascal Van Hentenryck (Georgia Institute of Technology)

Chair: Manpreet Hora, Georgia Tech

Saturday, Nov 18th, 2023, 4:30-6:00 p.m.

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M102

Atlanta Marriott Marquis

AWARD: Best Teaching Case Studies Award Competition

This competition identifies and recognizes outstanding teaching case studies related to all DSI disciplines. All case authors are invited to submit their new and innovative cases to the competition.

Chairs: Yao Zhao (Rutgers University), Kathleen Iacocca (Villanova University)

Judges: Adam Mills (Loyola University New Orleans), Barbara Flynn (Indiana University), Yi-Su Chen (University

of Michigan-Dearborn), Trevor Hale (Texas A&M University)

Flight Scheduling for Spring Break

Sourav Chatterjee (University of North Texas), Arunachalam Narayanan (University of North Texas)

Humanitarian Supply Chains and Inventory Management: Planning Medical Supply at the International Committee of the Red Cross

Sarbani Bublu Thakur-Weigold (ETH Zurich), Vera Tilson (Simon School, University of Rochester), Dessislava Pachamanova (Babson College), Samah El Sayed Mohamad (International Committee of the Red Cross)

Squawking 7700: Bringing supply chain thinking to managing pilot capacity

Mike Dixon (Utah State University), Jonathan Ebbeler (Utah State University)

Why Do People Quit Their Jobs? Understanding Employee Attrition Using Topic Modeling

Frank Lee (Georgia State University), Alex Algarra (Georgia State University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Business Analytics and Retail Applications

This session includes talks on business analytics applications in retail (online and brick-and-mortar).

Chair: zahra ziaei (University of North Carolina at Chapel Hill)

Inferring Consideration Sets from Heatmap Data

zahra ziaei (University of North Carolina at Chapel Hill), Adam Mersereau (University of North Carolina at Chapel Hill), Seyed Emadi (University of North Carolina at Chapel Hill), Vidyaranya Gargeya (University of North Carolina at Greensboro)

Reconciling User reviews and Product Descriptions on E-Commerce Platforms for Seller Insights

Mahdi Kazemi (Graduate Student), Sadegh Kazemi (University of Houston.), Gihan Edirisinghe (Western Kentucky University)

Understanding the Role of MCN in Live Streaming Shopping

Yang Li (Montclair State University), Chuanren Liu (University of Tennessee, Knoxville), Yanni Ping (St John's University)

Use of Process Mining Analytics to Overcome Deficiencies of Process Modeling Practice

Julian Koech (Illinois State University), Borinara Park (Illinois State University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M108

Atlanta Marriott Marquis

COMMITTEE MEETING: Information Management Committee

A meeting of the members of the DSI Information Management Committee.

Members: Claudia Regina Rosales (University of Arkansas - Fayetteville), Michel Fathi (University of North Texas), Cheryl Aasheim (University of Florida), Salem Boumediene (University of Illinois Springfield), Divesh Ojha (University of North Texas), Vivian Landrum (Decision Sciences Institute)

Chair: Jason Deane, Virginia Tech

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M109

Atlanta Marriott Marquis

COMMITTEE MEETING: Publications Committee

A meeting of the members of the DSI Publications Committee.

Members: Funda Sahin (University of Houston), Xenophon Koufteros (Texas A&M University), Sri Talluri (Michigan State University), Susan Palocsay (James Madison University), Arash Azadegan (Rutgers University), Kaitlin Wowak (University of Notre Dame), Thomas Goldsby (The University of Tennessee), Stephan M. Wagner (ETH Zurich), Nallan Suresh (University at Buffalo), Vivian Landrum (Decision Sciences Institute)

Chair: Asil Oztekin, UMASS-Lowell

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M107

Atlanta Marriott Marquis

CYBER SECURITY and SYSTEM RESILIENCY: Impact and Technologies of Cybersecurity

Organizations are increasingly facing a variety of cyber attacks. Presentations in this section focus on how cyber attacks affect different entities.

Chair: Rajkumar P.V. (University of Central Missouri)

Cybersecurity and Ransomware Risks in Educational Institutions

Kamala Raghavan (Texas Southern University), Mayur Desai (Texas Southern University), Rajkumar P.V. (University of Central Missouri)

Exploring Child Security and Safety within Online Gaming Platforms: A Text Mining Approach

Yaojie Li (University of New Orleans), Xuan Wang (University of Texas Rio Grande Valley), Ying Wang (Northern Illinois university)

Detecting Smishing Attacks: An Exploration of Spam SMS

MD RASEL AL Mamun (Old Dominion University), Alsius David (SUNY Oneonta), Oteng Ntsweng (National University of Singapore), Ziwei Ye (Old Dominion University), Victor Prybutok (University of North Texas)

Security and Stability: Blockchain Applications for Enhancing Cybersecurity and Building Supply Chain Resilience

Cigdem Z. Gurgur (Purdue University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Effective Use of Data and Cases for Statistics and Analytics Instruction

The use of data and real-world cases can have a strong impact on student learning. This session explores incorporating big data and real-world cases in teaching analysis with the use of a term-long project and R software. We will also explore the use of random data sets to improve academic integrity and minimize "sharing" of work from one semester to another along with specific language to share with students around what constitutes plagiarism. Finally, we will explore the use of synthetic data and its practical application for statistics and analytics instruction.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Leida Chen (California Polytechnic State University, San Luis Obispo), Kevin Lertwachara

(California Polytechnic State University, San Luis Obispo), LeAnn Boyce (UNT), David Stephan (Two Bridges Inst Tech)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 5

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Voices of Industry Experts and Practitioners on DEI Matters

This panel comprises of industry experts and practitioners who are working on the ground and frontlines to champion Diversity, Equity, and Inclusion related goals in their organizations' operational decision making. The conversations will focus on complex challenges and new opportunities within this growing and important domain.

Moderators: Priyank Arora (University of South Carolina - Darla Moore School of Business), Shikha Safaya (Georgia Tech)

Panelists: Harpreet Hora (Atlanta Public Schools), Anubhuti Mishra (The Palladium Group), Tegra Myanna (Georgia Tech), Denise Smith (Newhouse Project Consulting)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Models of Patient Care Delivery

Models of Patient Care Delivery

Chair: Yu Wang (University of North Carolina Wilmington)

Telehealth in acute care: pay parity and patient access

Alex Mills (Baruch College, CUNY), Ozden Engin Cakici (American University)

Pooling virtual and physical queues with application to telehealth

Omer Berk Olmez (Baruch College, Graduate Center, CUNY), Alex Mills (Baruch College, CUNY)

Community Surge Responses through the Modification of Service Standards

Yu Wang (University of North Carolina Wilmington), Alex Mills (Baruch College, CUNY), Kurt Bretthauer (Indiana University Bloomington Kelley School of Business)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon A

Atlanta Marriott Marquis

HUMANITARIAN OPERATIONS and DISASTER MANAGEMENT: Humanitarian Response to Man-made Disasters

This session delves into the intricate landscape of humanitarian operations amidst man-made disasters such as climate change-induced crises and armed conflicts. It scrutinizes the adaptive strategies and resourceful approaches employed to navigate complex scenarios.

Chair: Iana Shaheen (University of Arkansas)

Fleet Composition Management of Humanitarian Organizations in Response to Armed Conflicts

Telesilla Kotsi (Ohio State University), Maria Besiou (Kuehne Logistics University), Alfonso Pedraza-Martinez (Notre Dame University)

Fraud Reduction in Humanitarian Supply Chain Using Blockchain Technologies

Gillian Doby (William and Mary), Yu Amy Xia (William and Mary)

Post Disaster Climate Change Perceptions

Hulya Julie Yazici (Florida Gulf Coast University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L503

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Machine Learning and Its

Applications

This session explores cutting-edge topics such as Human-algorithm interaction, GPS spoofing, Web mining, and text mining in blockchain systems.

Chair: Ava Hajian (University of North Texas)

A Text Mining Approach in Blockchain-based Information Sharing Systems: Machine Learning Algorithms in Theory Development

Ava Hajian (University of North Texas), Victor Prybutok (University of North Texas), Chang Koh (G. Brint Ryan College of Business, University of North Texas), Hsia-Ching Chang (University of North Texas), Gayle Prybutok (University of North Texas)

Analysis of Programming Developers' Information Needs through Web Mining

Ching-Chin Chern (National Taiwan University), Yun-Wei Wu (National Taiwan University), Bo Hsiao (National Yunlin University of Science and Technology)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L403

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovative and entrepreneurial environments: operations and decision-making

This session is on operational decision-making in innovative and entrepreneurial environments.

Chair: Gulru Ozkan-Seely (University of Washington Bothell)

Hybrid Entrepreneurship: An Operational Analysis

Zeya Wang (Georgia Institute of Technology), Morvarid Rahmani (Georgia Institute of Technology), Karthik Ramachandran (Georgia Institute of Technology)

Understanding the Impact of Made in China and USA Mentions on Amazon Reviews

Maneesh Reddy Ajjuguttu (Ohio University), Ahmet Colak (Clemson University), Lawrence Fredendall (Clemson University)

Hierarchical Influence Structures and Collaborative Success in Online Communities: Explaining Peer Production Performance in the r/place Event

Shizhen Chen (Emory University), Tian Chan (Emory University), Anandhi S Bharadwaj (Emory University)

The entrepreneur offshore contract manufacturing: When does it make sense to hire an agent

Qiong Chen (Southwestern University of Finance and Economics), Manus Rungtusanatham (York University), Gulru Ozkan-Seely (University of Washington Bothell), Aleda Roth (Clemson University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 6

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Applications of ChatGPT in the Classroom (II)

This session includes presentations related to the use of ChatGPT in the learning setting.

Chair: Cong Zhang (University of Baltimore)

Opportunities and Challenges of ChatGPT in Academia

Anil Aggarwal (University of Baltimore), Cong Zhang (University of Baltimore)

Student's Current and Needed Skills for Effective Generative Artificial Intelligence Use

Richard Woolridge (University of Arkansas at Little Rock), Vess L. Johnson (G. Brint Ryan College of Business, University of North Texas)

AI, Learning, and Academic Integrity

Denise R Philpot (University of North Texas)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M302

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Spreadsheet-Based Classroom Innovations and Methods

This session will include presentations focused on spreadsheet applications for the classroom.

Chair: Ardavan Asef-Vaziri (California State University, Northridge)

An Excel-based Interactive Method for Introducing Linear Programming

GEORGE M BOGER (Texas A&M University-Texarkana)

Excel-Based Continuous Review Inventory Game

Jay Brown (Loyola University Maryland), Maxim Bushuev (Morgan State University), Tatiana Rudchenko (Georgia Institute of Technology)

Teaching the News-Vendor Problem and Supplier-Retailer Collaboration Using a Basic Excel Simulation Model.

Ardavan Asef-Vaziri (California State University, Northridge)

Machine Learning Using Spreadsheets: K-Means Cluster

Thin Yin Leong (Singapore University of Social Sciences), Nang Laik Ma (Singapore University of Social Sciences)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 7

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Teaching Operations Management with Games, Spreadsheets, and AI

This session includes presentations related to the use of games, spreadsheets, and AI in the classrooms to teach OM/SCM.

Chair: Mary L Lind (LSU Shreveport)

Combining Web-Based Gaming with Early Intervention in Undergraduate Statistics and Analytics Students

Jerry Marks (University of Tampa), Farouq Alhourani (University of Tampa)

Effects of Gamification Training on Employees' Information Security Compliance

Venkata Kumar Suram (University of the Cumberland), Mary L Lind (LSU Shreveport)

Modelling ERP Back Order Processing in Spreadsheets

Anil Singh (University of Texas at Arlington), Vikram Bhaduria (Texas A&M University-Texarkana), Lyseth D'Souza (National Institute of Construction Management and Research), Vimlesh Prabhu Desai (National Institute of Construction Management and Research)

Analytics Problem Solving with LLM Assistance

Zsolt Ugray (Utah State University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | A702

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Navigating the Urban Transportation Landscape: Addressing Challenges and Implementing Solutions

This session features presentations that center around the challenges and opportunities in urban transportation modes, including public transport, ride-sharing, etc.

Chair: Sina Shokoohyar (Seton Hall University)

Impact of COVID-19 Outbreak and Vaccination on Ride-sharing Services: A Social Media Analysis

Sina Shokoohyar (Seton Hall University), Vahid Ghomi (Penn State Mont Alto), Amirsalar Jafari Gorizi (University of Texas at Dallas), Weimin Liang (University of Massachusetts Amherst), Andrew Sinclair (Wilmington University), Narges Arabmohammadi (Amirkabir University of Technology)

Operational Takeaways: Examining Public Safety in a Changing CVT/AV Landscape

Bukola Bakare (Western Carolina University), Sarah Sengupta (St. Cloud State University)

The cost of operating school buses in America: An eleven year study

William Ellegood (Sam Houston State University), Jason M Riley (Sam Houston State University), Doug Berg (Sam Houston State University)

Forecasting the Dynamic Demand-Supply Gap in Taxi Ridesharing Market Using LSTM-based Recurrent Neural Network in Chicago

Ilyas Ustun (DePaul University), Zhong Dong (DePaul University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Revolutionizing Distribution and Inventory Management: Embracing the Latest Innovations

Discussions will be held on topics relating to managing inventories, and enhancing distribution and fulfillment.

Chair: Philip Appiah-Kubi (University of Dayton)

Enhancing Warehouse Operations with Midpoint Coalescing Angled Aisle

Philip Appiah-Kubi (University of Dayton)

Multi agent path planning with modified jump point search

Dongjin Jeong (Korea Aerospace University), Junjae Chae (Korea Aerospace University)

Risk-Averse Stochastic Optimization Framework for Fuel-Tax Increase and Choice of Indexing for Revenue Adequacy

Isil Koyuncu (The University of Texas at San Antonio), Olga Bredikhina (The University of Alabama), Abhay D. Lidbe (The University of Alabama), Tim Barnett (The University of Alabama)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M303

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Information Asymmetry and Consumer Behavior

This session revolves around the effect of information asymmetry and disclosure on consumer behavior and key decisions of a firm.

Chair: Kiarash Mohammad Hassani (Queen's University, Canada)

Inventory Disclosures and Donor Behavior

Peter Imbriale (Bentley University), Effie Stavoulaki (Bentley University), Chirag Surti (Rider University)

Pricing and Returns in the Era of Big Tech: Implications of Information Asymmetry Reversal

Kiarash Mohammad Hassani (Queen's University, Canada), Murray Lei (Queen's University, Canada), Anton Ovchinnikov (Queen's University, Canada)

Restocking Lead-Time Information Disparity and Customer Purchase Intention

Minseok Park (Salisbury University), Kelly Eunjung Yoon (University of Mary Washington), Jae-Young Oh (Central Washington University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L505

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Pricing and Retail Operations

This session incorporates analytical models on pricing, return, and retail operations.

Chair: Monire Jalili (Bentley University)

Inventory Disclosure with Product Returns

Tolga Aydinliyim (Baruch College), Ceren Gultekin (Baruch College, Graduate Center, CUNY)

Sales versus Subscription Business Models in Retail: Price and Assortment Competition

Mehmet Sekip Altug (George Mason University), Tolga Aydinliyim (Baruch College), Oben Ceryan (City, University of London), Aditya Jain (Baruch College, CUNY)

Closet-Building vs. Minimalism: Selling Fewer, Better Products to Fashion-Sensitive Customers

Monire Jalili (Bentley University), Michael Pangburn (University of Oregon), Alireza Yazdani (Cal Poly Pomona)

Multi-Period Pricing and Product Improvement: How Informative Are Product Ratings to New Customers?

Alireza Yazdani (Cal Poly Pomona), Hossein Rikhtehgar Berenji (Pacific University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 4

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Finance, Environment, and Technology: Risk analysis and user perception in contemporary markets

This session encompasses the themes of environmental policy and corporate risk management, volatility connectedness between renewable energy and stock markets, and the impact of security and privacy perceptions on user evaluation in the context of cryptocurrency applications. It highlights the multidimensional nature of contemporary financial markets, where environmental considerations, technological innovations, and risk analysis play vital roles in shaping market dynamics and user behaviors.

Chair: Ahmad H. Jumah (University of Illinois Springfield)

Environmental Policy and Corporate Default Risk: International Evidence

Md Ismail Haidar (University of Texas Rio Grande Valley)

On Volatility Connectedness among Renewable Energy Index and Stock Markets: Is there a role of uncertainty?

Wael Hemrit (College of Economics and Administrative Sciences, Al Imam Mohammad Ibn Saud Islamic University (IMSIU).), Noureddine Benlagha (University of Qatar), Nour Bouabdallah (Tunis Business school)

Using Text Mining to Investigate the impact of Security and Privacy Perceptions on Users Ratings: The Case of Crypto Apps

Ahmad H. Jumah (University of Illinois Springfield), Yasan Alnsour (University of Wisconsin Oshkosh)

Toward a Normative Framework for Systemic Risk Modeling

Faraz Dadgostari (Montana State University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M301

Atlanta Marriott Marquis

QUALITY MANAGEMENT and LEAN OPERATIONS: Research and Pedagogical Approaches in Quality Management

This session includes talks on research, practical and educational approaches in quality management.

Chair: Brad C Meyer (Drake University)

Using Storylines for Developing an Online Quality Management Course

Joy Field (Boston College)

Integrated Analytics Approach for Business Process Improvement

Borinara Park (Illinois State University), Rahul Mudliar (Illinois State University)

The Impact of Process Degradation on Improvement Activity: An Exploratory Study

Brad C Meyer (Drake University), Dan Bumblauskas (Missouri Western State University), Richard Keegan (Trinity College Dublin Business School), Dali Zhang (Shanghai Jiao Tong University, Antai College of Economics and Management)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M304

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Emerging Topics in Service Operations Management

In today's rapidly evolving service-driven economy, effective service operations management is crucial for organizations to meet customer expectations, optimize resource utilization, and achieve sustainable competitive advantage. This conference track aims to explore and discuss the latest advancements, strategies, and challenges in the field of service operations management.

Chair: Sukrit Pal (Iowa State University)

Do No Harm: The Effects of Process Variation and Hospital-Physician Integration on Hospital-Acquired Conditions

Haileab Hilafu (University of Tennessee Knoxville), Bogdan Bichescu (University of Tennessee)

Revving Up Retention: Analyzing the Influence of Food Delivery Services on Driver Behavior and Ride Selection Patterns in Ride-Hailing Platforms

Sukrit Pal (Iowa State University), Trang Hoang (University of Nebraska, Omaha), Michael J. Dwyer (Iowa State University), Christopher S Tang (UCLA)

Improving Last-mile time performance through learning: The role of driver-customer familiarity in crowdshipping.

Nicolò Masorgo (Miami University), David Dobrzykowski (University of Arkansas), Brian Fugate (University of Arkansas - Walton College of Business)

138

Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L402

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Innovation and AI

Papers in this session discuss innovation, R&D, AI, and the Toyota Production System.

Chair: Woo Yong PARK (University of Nevada (Las Vegas))

Growing legitimacy? An examination of the nascent generative AI industry

Joshua Douglas Maurer (Gannon University), Benyawardath Nithithanatchinnapat (Penn State University, Erie)

Innovation Ecosystems and the Toyota Production System: A Holistic View and Global Applications

Syed Tariq Anwar (West Texas A&M University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L401

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Blockchains and Supply Chain Management

This session explores blockchain applications in Supply Chain Management.

Chair: Gangaraju Vanteddu (Southeast Missouri State University)

An investigation of the Blockchain Technology Capabilities on Supply Chain Inventory Costs

Gangaraju Vanteddu (Southeast Missouri State University)

Knowledge management capacities in blockchain adoption

Soode Vaezinejad (university of rhode island), Dara Schniederjans (University of Rhode Island)

Leveraging Blockchain in the Supply Chain to Compete as a Small to Medium Enterprise Manufacturer

Brian Laird (Towson University), Barin Nath Nag (Towson University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L508

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management-3

This session explores research topics that fall under the general supply chain management domain.

Chair: Xiao Xiao (California State University, Stanislaus)

Risk Sharing in a Two-Level Supply Chain with Variable Capacity and Random Yield

Xiao Xiao (California State University, Stanislaus), XIANG FANG (University of Colorado Denver)

What's the Buzz? AI to Enhance Supply Chains

Sarah Sengupta (St. Cloud State University), Sudipendra Nath Roy (Herberger Business School, St. Cloud State University)

Systems Thinking and Supply Chain Management

Rishabh Rana (ABD), Victor Prybutok (University of North Texas), Brian Sauser (Department of Logistics & Operations Management G. Brint Ryan College of Business, University of North Texas)

141

Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L404

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Sustainable Operations and Supply Chain Management

This session investigates topics in sustainable operations and circular supply chain management.

Chair: Yuvraj Gajpal (University of Manitoba)

An Application of Machine Learning, Mellin Transform and a Revamped Distance Based MCDM Model For Sustainable Crop Selection.

Srimantoorao S Appadoo (University of Manitoba), Yuvraj Gajpal (University of Manitoba)

Consumer involvement in the circular economy: An experimental study

Haley Paluzzi (Iowa State University), Haozhe Chen (Iowa State University)

Industry 5.0 for the Circular Economy: Opportunities and Challenges

Ali Raoufi (University of Rhode Island), Mahtab Kouhizadeh (University of Rhode Island)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M105

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Sustainable Supply Chain

This session will include talks on the interface of supply chain and sustainability.

Chair: Sriram Venkataraman (University of South Carolina)

Organic Product and Conventional Product Assortment: An Empirical Study

Zhihao Zhang (University of Missouri, Kansas City)

The Role of Supply Chain in Retailer Take-Back Decision: An Empirical Study

YUQI PENG (Salisbury University)

The Production Benefits of Personalized Agricultural Advice: A Case Study of the Buland Shahar District

Timothy Clarkson (University of South Carolina)

Does Sustainability Matter? The Relevance of ESG in Sustainable Supplier Selection

Christoph Koester (Technical University Munich)

143

Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Contemporary Issues in Supply Chain Risk Management

This session delves into the contemporary issues shaping the field of supply chain risk management. This session will address the latest challenges and trends in risk identification, assessment, and mitigation within supply chains. Join this session to gain insights into the ever-evolving landscape of supply chain risk management and discover innovative approaches for effectively addressing contemporary challenges.

Chair: Travis Kulpa (University of Arkansas)

Big Data Analytics Capabilities and Supply Chain Resilience. The Role of Firm Risk Control Activities.

Enoch Bulley (Kwame Nkrumah University of Science and Technology), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Kwame Owusu Kwateng (Kwame Nkrumah University of Science and Technology), John Serbe Marfo (Kwame Nkrumah University of Science and Technology, Kumasi)

Flexible Responses to Global Supply Chain Disruptions: Empirical Evidence from International Logistics

Travis Kulpa (University of Arkansas), Rodney Thomas (University of Arkansas), Jason Miller (Michigan State University)

Operational Resilience by Design in Defence

Alan Brown (University of Exeter), Zena Wood (University of Exeter), Roger Maull (University of Exeter)

Predicting Supply Chain Disruptions in the Aerospace Market: An Empirical Analysis of Product Category and Complexity

Maximilian Stout (University of Exeter), Roger Maull (University of Exeter)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Empirical Research in Sustainable Operations Management

This session features research in sustainable operations that leverages an array of empirical research methods.

Chair: Erin McKie (The Ohio State University)

A Ranking of Social Sustainability Issues

Soh Hyun Chu (The Ohio State University), Christian Blanco (The Ohio State University), James Hill (The Ohio State University)

Rosy Signals and Postponement: Teeing Up Future Risk in Maintenance Operations

Mateus do Rego Ferreira Lima (The Ohio State University), Elliot Bendoly (The Ohio State University), Nate Craig (The Ohio State University), Ken Boyer (The Ohio State University)

Better than Cash? Merchant Payment Services and Mobile Network Operator Performance

sining song (University of Tennessee Knoxville), Fan Zou (The Pennsylvania State University), Yan Dong (University of South Carolina)

Optimizing Curbside Recycling Behaviors through use of Green Nudges and AI Generated Feedback

Erin McKie (The Ohio State University), Aravind Chandrasekaran (The Ohio State University), Nikhil Sharma (The Ohio State University)

145

Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon C

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Special Topics in Sustainability/CSR

Our invited special session will cast a wide net in navigating relevant yet rare investigations on sustainability/CSR that are definitely interesting and perhaps abundantly thought-provoking. Expect some fun and a lot of learning at the same time!

Chair: Mehmet Gokhan Yalcin (The University of Rhode Island College of Business)

Do CSR Activities vary based on the Country of Operation? Insights from Sherritt International

Muhammad Umar Farooq (New Mexico State University)

The pursuit of sustainability in solar energy power generating systems

Leni John (The University of Rhode Island College of Business), Doug Hales (The University of Rhode Island College of Business), Muhammad Hasan Ashraf (California State University - Long Beach)

Climate-Impact Based Insurance: A sustainability viewpoint on insurance practices

Shunmuga Kumar Sankarasubramanian (The University of Rhode Island College of Business), Anis Triki (The University of Rhode Island College of Business), Muhammad Hasan Ashraf (California State University - Long Beach), Mehmet Gokhan Yalcin (The University of Rhode Island College of Business)

Moderating Role of Knowledge Management Practices in Green Supply Chain Performance and Green Internal Supply Chain Management

Kashif Mahmood (Business and Management Science, Superior University, Lahore, Pakistan), Samran Tariq (Business and Management Science, Superior University, Lahore, Pakistan)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | L405

Atlanta Marriott Marquis

WORKSHOP: Adaptability & Diversity into Experiential Programs that Upskill Students & Uplift the Community for a measurable Societal Impact

Diversity of inputs-people, experiences, methods, is the cornerstone of adaptability. Guessing the changes that are coming to our universities is a losing game. Designing programs with the adaptability that diversity brings doesn't just promote equity and improve pedagogy, it ensures these programs' survival. This workshop will describe how the Center for Economic Inclusion (CEI) at Bauer College, University of Houston has implemented this in its renowned SURESM experiential learning program which facilitates a value-added partnership between UH students, business executives, and under-resourced entrepreneurs. This innovative course trains students with the human-centered skills and empowers entrepreneurs for a measurable societal impact.

Workshop Coordinator: Basheer M. Khumawala (University of Houston)

Panelist: Saleha Khumawala (University of Houston)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M103

Atlanta Marriott Marquis

WORKSHOP: Littlefield Technologies 2.0 - a New Version of the Online Game for Operations Management Courses

After 24 years there is a new version of Littlefield Technologies! Littlefield is a competitive online simulation of either a factory or a medical laboratory that has been played by more than half a million students in 500 universities in 60+ countries to excite and engage students in operations management topics like process analysis and inventory control. This presentation will introduce a newly updated version 2 of the game that will go into production in 2024.

Workshop Coordinators: Samuel Wood (Responsive Learning Technologies), Mark Paul (Responsive Learning Technologies)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | International Salon 8

Atlanta Marriott Marquis

WORKSHOP: Meet the Journal Editors

This panel is comprised of editors of Decision Sciences, International Journal of Operations & Production Management, Journal of Operations Management, Journal of Purchasing and Supply Management, Journal of Supply Chain Management, and Production & Operations Management. The intent is to describe journal focus, publication guidelines for potential authors, and an overview of the review process followed by each journal. Panelists will also discuss their individual experiences in building a well-rounded research portfolio.

Moderator: Asoo Vakharia (University of Florida)

Panelists: Xenophon Koufteros (Texas A&M University), Sri Talluri (Michigan State University), Robert D. Klassen (Western University), Tyson Browning (Texas Christian University), Suzanne de Treville (University of Lausanne), Steven Carnovale (Florida Atlantic University), Wendy Tate (The University of Tennessee, Knoxville), Tingting Yan (Texas Tech University), Sushil Gupta (Florida International University)

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Saturday, Nov 18th, 2023, 4:30-6:00 p.m. | M106

Atlanta Marriott Marquis

WORKSHOP: Teaching Tools for the Transition towards Sustainability

Teaching principles of and decision making for sustainability is challenging due to the systemic nature of sustainability. Participants will learn about teaching tools that enable the skills to facilitate sustainable transitions. Specific focus will be placed on two innovative methods: the strategic simulated ecosystem game Eco (2018) and the Sustainability Mindset Indicator (SMI, 2021). We will share our experiences teaching with these and provide examples of impact on student learning that showcase how these tools can be used to accelerate strategic thinking and mind-set change. We will collect other approaches and methods to generate a toolbox for sustainability teaching.

Workshop Coordinators: Beate Klingenberg (FOM Hochschule für Oekonomie & Management), Sabine Baumann (Berlin School of Economics and Law)

Saturday, Nov 18th, 2023, 5:00-6:00 p.m.

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Saturday, Nov 18th, 2023, 5:00-6:00 p.m. | A601

Atlanta Marriott Marquis

RECEPTION: New Member Welcome Reception

Vice President for Member Services, Pamela Rogers, welcomes all new members of DSI for a meet and greet reception. This is the perfect opportunity to meet new colleagues and learn more about DSI.

Host: Pamela Rogers, Stephen F. Austin State University

Saturday, Nov 18th, 2023, 6:00-7:00 p.m.

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Saturday, Nov 18th, 2023, 6:00-7:00 p.m. | Skyline

Atlanta Marriott Marquis

RECEPTION: DSI 54th Annual Conference Welcome Reception

Reunite with colleagues or meet new ones for light hors d'oeuvres and beverages before you head off to dinner on your own.

Sunday, Nov 19th, 2023, 7:00-8:00 a.m.

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Sunday, Nov 19th, 2023, 7:00-8:00 a.m. | M101

Atlanta Marriott Marquis

Nondenominational Christian Fellowship

A time of Christian fellowship, sharing and reflection to begin the day on Sunday.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Sunday, Nov 19th, 2023, 7:30-8:00 a.m.

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Sunday, Nov 19th, 2023, 7:30-8:00 a.m. | Imperial B

Atlanta Marriott Marquis

Meal: Sunday Breakfast Co-Sponsored by Pearson and DSI

Enjoy a light breakfast while networking with colleagues.

Sunday, Nov 19th, 2023, 8:00-9:30 a.m.

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A703

Atlanta Marriott Marquis

AWARD: Elwood S. Buffa Doctoral Dissertation Award Competition

This competition identifies and recognizes outstanding doctoral dissertation research, completed in the calendar year 2022, in the development of theory for the decision sciences, the development of methodology for the decision sciences, and/or the application of theory or methodology in the decision sciences.

Chair: Mark Ferguson (University of South Carolina)

Judges: Mark Ferguson (University of South Carolina), David Dreyfus (Rutgers University - Rutgers Business School), Rakesh Mallipeddi (The Ohio State University), Pradeep K. Pendem (University of Oregon), Asoo Vakharia (University of Florida)

Innovation and Supply Networks

Shubhobrata Palit (ESADE)

Innovative Data-Driven Demand Estimation Strategies in Revenue Management

Sanghoon Cho (Texas Christian University)

Social Optimal Disaster Relief Distribution with Mobile Beneficiaries

Sofia Perez-Guzman (Georgia Institute of Technology)

Rethinking Modern Agriculture: Essays on Farmers , Productivity and the Environment

Canberk Ucel (Bilkent University/INSEAD)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M108

Atlanta Marriott Marquis

BOARD MEETING: Midwest DSI Board Meeting

A meeting of the members of the MWDSI Board of Directors.

Members: Osman Aydas (Oakland University), Janaina (Jane) Siegler (Butler University), Jiangxia (Renee) Liu (Valparaiso University), Sourish Sarkar (PennState University), Yi Guo (University of Michigan -- Dearborn), Jason Davidson (Butler University), Ata Karbasi (Valparaiso University), Jeong Hoon Choi (Youngstown State University), Vivian Landrum (Decision Sciences Institute)

Chair: **Qiannong (Chan) Gu**, Ball State University

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: General Business Analytics Applications

This session includes talks on the demographics and personality aspects in households and educational settings.

Chair: Shaya Sheikh (New York Institute of Technology)

Analytical Framework for Assessing Key Criteria Influencing Ranking Progress: A Study on U.S. Cities

Yasamin Salmani (Bryant University), Jin Fang (Clark University)

Can preparatory courses help graduate on time? Uplift modeling to predict student success.

Yertai Tanai (California State University, Fresno)

Data Driven Models for Predicting Energy Burden and Cost of U.S. Households

Amirhosein Jafari (Louisiana state university), Shaya Sheikh (New York Institute of Technology), Ehsan Kamel (New York Institute of Technology), Sorena Vosoughkhosravi (Louisiana state university)

What Makes A Company The Best Place to Work?

Tuncay Bayrak (Western New England University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Academic Integrity Panel Discussion

Join us for a discussion of recent developments in the world of academic integrity violations (AKA cheating). We will talk about some of the challenges we have seen emerge and/or intensify in recent years. We will also discuss our strategies for dealing with these challenges. We share our experiences with classes ranging from small face-to-face classes to large online classes and everything in between. Please bring your own questions and experiences and join in the discussion.

Moderator: Robert L. Andrews (Virginia Commonwealth University)

Panelists: Mike Ellis (University of Central Arkansas), Mohan Rao (Texas A&M University-Corpus Christi), Trevor Hale (Texas A&M University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: DEI Matters in Academia: Now and Beyond

In this panel, comprising of a diverse pool of researchers, we will discuss DEI related topics including current challenges and opportunities within the Operations Management and Decision Sciences academic profession. Conversations will focus on the state and progress of DEI matters within our academic field in terms of faculty recruitment and retention, workplace/university policies, career progression (tenure, leadership roles, etc.), role of mentorship etc.

Moderators: Pritha Dutta (Pace University), Priyank Arora (University of South Carolina - Darla Moore School of Business)

Panelists: Morvarid Rahmani (Georgia Institute of Technology), Marcus Bellamy (Boston University), Pelin Pekgun (University of South Carolina), Dwaipayyan Roy (University of Virginia Darden Graduate School of Business)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M106

Atlanta Marriott Marquis

EMERGING ECONOMIES RESEARCH: Award Showcase Session

Intended to provide mentorship and constructive feedback to researchers from emerging markets for development purposes. Finalists in this session will present their research. The winner will be announced at the Awards Luncheon.

Chairs: Shashank Rao (Auburn University), Tolga Aydinliyim (Baruch College)

Managing Product-reusability under Supply Disruptions

Nishant K Verma (Indian Institute of Management Bangalore), Prashant Chintapalli (Ivey Business School, Western University, London, ON), Kumar Rajaram (UCLA Anderson School of Management, Los Angeles, CA United States)

Reducing information asymmetry between buyers and providers of Manufacturing Execution Systems (MES) to unlock the Industry 4.0 doors

Verônica Maurer Tabim (Federal University of Rio Grande do Sul), Néstor Fabián Ayala (Federal University of Rio Grande do Sul), Giuliano Marodin (University of South Carolina), Alejandro Germán Frank (Federal University of Rio Grande do Sul)

Responses of stock market volatility to COVID-19 government interventions. Evidence from Asia- Pacific

region.

Noureddine Benlagha (University of Qatar), Wael Hemrit (College of Economics and Administrative Sciences, Al Imam Mohammad Ibn Saud Islamic University (IMSIU),)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Healthcare Data Analytics

In this session, we will share a few recent findings in healthcare operations management using various data analytics methods.

Chair: Raymond Fan (Grand Valley State University)

Enhancing Patient Portal Message Triage with Large Language Models: A Fusion Approach

Ming Huang (Mayo Clinic)

Reducing Hospital Procurement Costs through Win-Win Counterproposals: an Analytical Approach

Willow Yang (Sam Houston State University), David Dobrzykowski (University of Arkansas), William Ellegood (Sam Houston State University), Haitao Li (University of Missouri St. Louis)

Do Acquisitions Improve Hospital Operating Performance

Raymond Fan (Grand Valley State University)

The Impacts of Staffing on Patient Outcomes

Raymond Fan (Grand Valley State University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Information, Technology, and Data Analytics in Healthcare

The sessions include research presentations on healthcare analytics.

Chair: Binshan Lin (Louisiana State University Shreveport)

Internet Use for Health Information among Marginalized Population: Data from 2022 HINTS

Yue Gao (Clark University), Haitao Liu (An Independent Researcher)

Analyzing Determinants of Healthcare and IT Professionals' Job Satisfaction Using Machine Learning and Natural Language Processing Techniques

Sumali Conlon (University of Mississippi)

A Survey on Data Science in Healthcare Management

Binshan Lin (Louisiana State University Shreveport)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon C

Atlanta Marriott Marquis

HUMANITARIAN OPERATIONS and DISASTER MANAGEMENT: Social Media and Humanitarian Operations

This session will focus on the pivotal role of social media in facilitating humanitarian operations, particularly in the context of the

COVID-19 pandemic. Exploring the power of real-time information dissemination, the session will showcase how social media platforms have been harnessed to coordinate relief efforts, share critical updates, and engage communities during times of crisis.

Chair: Seung Hoon Jang (Commonwealth University of Pennsylvania)

Replenishing personal protective equipment for healthcare systems in Rural U.S. at the onset of a pandemic

Bradley Price (West Virginia University), John P. Saldanha (West Virginia University), Bernardo F. Quiroga (West Virginia University), Sally Hodder (West Virginia University)

Social Media Adoption and Use for Disaster Management: Exploring the Challenges for the Underserved Communities

Louis Ngamassi (Prairie View A&M University), Modupe Modupe (Prairie View A&M University), Munir Quddus (Prairie View A&M University)

Social Media Effectiveness to Mitigate Influenza Epidemic and COVID-19 Pandemic

Sameer Kumar (University of St. Thomas, 1000 LaSalle Avenue, Minneapolis, MN 55403)

Toward a Conceptual Framework of International Tourism after the Pandemic: Consumption Propensity Based on Expectations of Refreshment and Development

Seung Hoon Jang (Commonwealth University of Pennsylvania), Christian Grandzol (Commonwealth University of Pennsylvania)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 6

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Empirical Modeling and Analytics in Healthcare Delivery

This session discusses empirical models and analytics to support the decision-making process in healthcare delivery. Empirical models and analytics can help healthcare leaders and other stakeholders to better understand the current healthcare system and the impact of health policies, identify areas for improvement, and develop strategies to optimize healthcare delivery processes. Ultimately, the goal is to provide evidence-based decisions that improve the quality of care and the patient's overall health and well-being.

Chair: Seokjun Youn (University of Arizona)

The Impact of Introducing Release Times for Operating Rooms on Surgery Waiting Times

Guang Cheng (National University of Singapore), Mitchell H. Tsai (University of Vermont Larner College of Medicine), Joel Goh (National University of Singapore)

Does Underuse Variation in Test-Ordering Practice Relate to Higher Care-Delivery Cost?

Seokjun Youn (University of Arizona)

Examining Factors Influencing the Acceptance of Big Data Analytics in Healthcare

Mary L Lind (LSU Shreveport), Abdul Sajid Mohammed (University of the Cumberland)

Improving Outcome in Healthcare and Healthcare Management by IT Integration: From the Internet to ChatGPT

Hossein Bidgoli (California State University - Bakersfield)

164

Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 7

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Societal Impact of Digital

Technologies

This session is dedicated to research that enhances our understanding of the implementation and evaluation of emerging digital technologies in various contexts, including sharing economy, online P2P lending platform and digital tracing alerts. Papers aim to address challenging and practical problems that affect not only individuals but also both business and society at large.

Chair: Yoonseock Son (University of Notre Dame)

Leveraging the Digital Tracing Alert in Virus Fight: The Impact of COVID-19 Cell Broadcast on Population Movement

Anindya Ghose (NYU), Heeseung Andrew Lee (University of Texas at Dallas), Wonseok Oh (KAIST), Yoonseock Son (University of Notre Dame)

What is the Best Expert Intervention for Explainable Artificial Intelligence? Evidence from a Field Experiment in Online Peer-to-Peer Lending Platform

Daehwan Ahn (University of Georgia), Heeseung Andrew Lee (University of Texas at Dallas), Sunghun Chung (George Washington University), Dokyun Lee (Boston University)

The Sharing Economy and Local Economies: The Complementary Impact of Home-Sharing and Ride-Sharing Platforms on Tourism Employment

Jiyong Park (University of Georgia)

Is a Picture Worth a Thousand Words? Evidence from Online Reviews

Yan Sun (Kyung Hee University), Sung-Byung Yang (School of Management, Kyung Hee University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M303

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation issues in supply chain

The session will discuss different innovation topics in supply chain.

Chairs: Adrian Choo (Michigan State University), Apurva Shrey (Michigan State University)

The Effect of Vote Timing Rules on New Product Evaluation Decisions: Advisory Committees at the FDA

Panos Markou (Darden, University of Virginia)

The Impact of transition in innovation on automotive suppliers

Apurva Shrey (Michigan State University), Adrian Choo (Michigan State University), Sri Talluri (Michigan State University)

Supply Chain Data and Analysis: The Case of Supply Chain Innovation

Fan Zou (The Pennsylvania State University), Yan Dong (University of South Carolina), YUQI PENG (Salisbury University), sining song (University of Tennessee Knoxville), Kefeng Xu (The University of Texas at San Antonio)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M302

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Advances in Online and Hybrid Education (I)

This session includes presentations that discuss advances in online and hybrid education.

Chair: Cigdem Z. Gurgur (Purdue University)

Exploring the Effective Interactions for Synchronous Online Classes

Xiaodong Deng (Oakland University), Haining Wu (Shanghai University)

Flipped Classroom: Motivating Students via Kinesthetic Learning and Multi-Stage Problem Solving through Reflective Practice in Decision Sciences

Cigdem Z. Gurgur (Purdue University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A705

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Creativity in the Curriculum: Lessons from the classroom

Creativity is a skill that needs to be learned, developed, and practiced. Creativity enhances innovation and problem solving, and creativity tools can be applied to a myriad of business situations. Some of these applications include problem identification and solution development, data collection and analysis, project planning, and process improvement. This session explores introducing creativity into existing courses, as well as teaching creativity as a separate course. Join us to share our experiences, lessons, tools, and ideas for enhancing student creativity, broadening solution space, and creating innovative thinkers.

Moderators: Rebecca Duray (University of Colorado Colorado Springs), Gregory Stock (Northern Arizona University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A706

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Teaching Supply Chain and Operations Management

This session will include presentations that focus on educational issues within the fields of supply chain and operations management.

Chair: Misty Blessley (Temple)

OM is Personal: The Human Element in Operations Management Pedagogy

Thomas Kull (Arizona State University), William Stevenson (Rochester Institute of Technology), Eric Weber (McGraw Hill)

Effects of Teaching Quality Management at the beginning of Introductory Undergraduate Operations and Supply Chain Management Courses

Steven Formanek (Minnesota State University, Mankato)

Appreciating the Complexity of Supply Chains The Use of Concept Mapping

Sedat Cevikparmak (DeSales University), SABAN ADANA (John Carroll University), Hasan Celik (Robert Morris University), Hasan Uvet (Georgia Gwinnett College), Yavuz Idug (University of North Texas), Ferhat Caliskan (University of North Texas)

Sourcing Risk Assessment and Mitigation: Teaching O&SCM Students

Misty Blessley (Temple), George A Zsidisin (University of Missouri - St. Louis)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Exploring the Frontiers: Unveiling Novel Technologies and Strategies for Tackling Logistics Challenges

This sessions presents studies that explore emerging technologies and techniques that can be applied to logistics problems.

Chair: Abubaker Haddud (The University of Southern Mississippi)

Deep Learning-Based Travel Time Estimation: Improving Transportation Efficiency through Accurate Predictions

Zahra Ejabati Emanab (University of Manitoba), Yuvraj Gajpal (University of Manitoba), Srimantoorao S Appadoo (University of Manitoba)

Exploring Aspects Related to the Potential Use of Autonomous Trucks in Logistics

Yuanyuan Zhang (The University of Southern Mississippi), Abubaker Haddud (The University of Southern Mississippi)

Pursuing transport Digitalization to Achieve Transport Cost Optimization

Abdul Samed Muntaka (Kwame Nkrumah University of Science and Technology, Kumasi), Benjamin Agyei-Owusu (Kwame Nkrumah University of Science and Technology), John Manso Frimpong (Kwame Nkrumah University of Science and Technology, Kumasi)

Is the Price Right in Freight Transportation Spot Markets? Matters of Logic, Prescription, and Prediction

Michael Haughton (Wilfrid Laurier University), Alireza Amini (Wilfrid Laurier University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M304

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Marketing Interface and Data Analytics

This session includes data-driven papers in marketing and consumer behavior.

Chair: Alicia Alexander (Northern Arizona University)

Bounded Kindness in Non-profit Online Lending: A Social Identity Theory Perspective

Yingli Gong (student of tongji university), Hongwei Wang (Tongji University)

Should manufacturers embrace the livestream commerce frenzy?

Vicky Luo (University of Hartford), Lizao Zhang (University of Maine)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 5

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Application of AI in Financial Services

This session includes the research on the application of AI in cryptocurrency pricing, high-frequency trading, banking merging and acquisition, and risk management.

Chair: Henry Han (Baylor University)

Cryptocurrency explainable deep learning price discovery

Henry Han (Baylor University), Qiannong (Chan) Gu (Ball State University)

Prediction of Mergers and Acquisitions in US Banking: A Data Analytics Framework

Zahra Sedighi-Maman (Adelphi University), Jonathan J Heath (Georgetown University), Senay Acikgoz (Ankara Hacı Bayram Veli University), Cem Karatas (Adelphi University)

Unfolding High-Frequency Trading through the Lens of Responsible AI

Mohotarema Rashid (University of North Texas), MD RASEL AL Mamun (Old Dominion University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M301

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Modern Workforce Management

This session will explore the characteristics of today's workforces.

Chair: Sung Hee "Sunny" Park (University of South Carolina-Columbia)

Detection and Estimation of Behavioral Changes towards Immigration Over Time within Supranational Organizations

Vasileios Pavlopoulos (University of Alabama in Huntsville), Anastasia Vishnevskaya (Texas Tech University)

Gender differences in ethical decision making: The role of work context

Anat Barnir (University of North Texas)

Investigating Personality Types, Attachment Styles, and Behavioral Tendencies

Andrew Hyunwoo Chang (University of South Carolina-Columbia), Sung Hee "Sunny" Park (University of South Carolina-Columbia), Kealy Carter (University of South Carolina-Columbia)

Multigroup Structural Equation Modeling on Job Seekers' Perceptions and Behavioral Intention to Work

Raina M Rutti (Wichita State University), Sung Hee "Sunny" Park (University of South Carolina-Columbia)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 8

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Advanced Theories in Procurement and Sourcing I

Presentations that advance knowledge and theory of procurement and sourcing.

Chair: Huiqing Tian (York University)

The Influence of Regulatory Focus and Ethical Climate on Sustainable Supplier Selection

Huiqing Tian (York University), David Johnston (York University), Manus Rungtusanatham (York University)

When coverage doesn't pay: empirical evidence of the costs of flexibility

Angela Acocella (Tilburg University)

Non-Presenter: Alan Pritchard, Texas Tech University

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M103

Atlanta Marriott Marquis

PROJECT MANAGEMENT: Contemporary Topics in Project Management

This session will focus on a number of special research topics in modern project management, ranging from the impact of AI to the influence of ESG.

Chair: Will Millhiser (Baruch College, CUNY)

Friction and Fortitude: Investigating Escalation of Commitment in Group Decision Making

Chuqiao Peng (University of Oklahoma), Alex Schmidt (University of Oklahoma), Jeffrey Schmidt (University of Oklahoma)

Oklahoma), Kenneth Petersen (University of Oklahoma)

The role of knowledge management in capital intensive projects

Olajumoke Awe (Coastal Carolina University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A707

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Top Executive Hiring, Performance, and Compensation

This session explores CEO and CFO hiring, performance, promotion, and compensation.

Chair: Juehui Shi (Angelo State University)

CEO Succession under Organization Adaptation Theory and Post-succession Performance

ZERUI CHEN (New Mexico State University), James Jon Hoffman (NA)

CFO compensation and promotion under organizational adaptation theory

ZERUI CHEN (New Mexico State University), Peace I Aludogbu (New Mexico State University), Muhammad Umar Farooq (New Mexico State University)

A Simultaneous Equations Model for CEO Hiring, CEO Pay, and Firm Performance

Juehui Shi (Angelo State University)

Organizational Learning from Failure: The Moderating Role of TMT Heterogeneity and TMT Faultlines

Majid Majzoubi (York University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Buyer and Supplier Relations

This session explores topics on buyer and supplier relations as well as supplier selection.

Chair: John Visich (Bryant University)

Relationship-specific Investment Asymmetry and Relational Conflicts in Buyer-Supplier Relationships

Antony Paulraj (NEOMA Business School), Nachiappan Subramanian (University of Sussex), Byung-Gak Son (City University of London)

Supply Chain Integration through Supplier Satisfaction

John Visich (Bryant University), Christopher Roethlein (Bryant University), Pedro Martinez Reyes (Baylor University), Michael Gravier (Bryant University)

Impact of Delaying Supplier Payments on Supply Chain Firm Performance: Industry-Specific Case Studies

Donghyun Choi (ChungAng University), Jiwoo Shin (Chung-ang University)

Collaborations in the Context of Competition among Unequal-Sized Firms

Adrian Chen Yang Tan (Penn State University), Hamid Noori (Wilfrid Laurier University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A704

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Empirical Research in Supply Chain Management

This session explores research topics that fall under the general supply chain management domain.

Chair: Derek Dubois (The University of Rhode Island)

Delivery security and consumer retention among Young Adult Population in the United States

Bukola Bakare (Western Carolina University), Julian Lopez (Western Carolina University), Zach Collins (Western Carolina University), Sean Carmody (Western Carolina University)

Fake News: Conceptualizing the Political News Media Supply Chain in a Polarized America

Derek Dubois (The University of Rhode Island), Mehmet Gokhan Yalcin (The University of Rhode Island College of Business), Muhammad Hasan Ashraf (California State University - Long Beach)

Operational Ambidexterity and Performance: The Moderating Role of Internal Integration

Kuldeep Singh (Arkansas tech University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M109

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Nonprofit Supply Chain Management

Nonprofit Organizations (NGOs) play a critical role in addressing social and environmental challenges, yet they face unique supply chain challenges due to their resource dependence and reliance on voluntary contributions from individuals, companies, and public organizations. These challenges are further compounded by pressures to improve operational efficiency. This session will explore key issues in nonprofit supply chain management, including strategies for managing donations and volunteer contributions, and improving operational efficiency. We aim to provide best practices and emerging trends in nonprofit supply chain management, as well as opportunities for collaboration and innovation.

Chairs: Chao Wu (Wayne State University), Stanley Lim (Michigan State University)

Keep Water Flowing: The Hidden Crisis of Rural Water Management

Chengcheng Zhai (Indiana University)

Enhancing Fundraising Productivity Through Strategic Staffing and Revenue Diversification Decisions: Evidence From Food Banks

Yingru Han (University of South Carolina), Pelin Pekgun (University of South Carolina), Luv Sharma (University of South Carolina)

Resilience and Humanitarian Supply Chain

Iana Shaheen (University of Arkansas), Arash Azadegan (Rutgers University)

Behavioral Responses to Nonprofit Performance Metrics

Hasti Rahemi (University of Wisconsin Whitewater), Gloria Urrea (University of Colorado Boulder), Leon Valdes (University of Pittsburgh)

Presenters: Yingru Han (University of South Carolina), Chengcheng Zhai (Indiana University), Iana Shaheen (University of Arkansas), Hasti Rahemi (University of Colorado Boulder)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Topics in Reverse Supply Chains

This session looks at topics that fall under the reverse supply chain management domain.

Chair: Alys Liang (Stephen M. Ross School of Business)

A Game Theory Approach on the Reverse Supply Chain Incentive Strategy for Lithium-ion Battery Recycling

Yuan Hu (*The University of Toledo*), Exi Zhu (*Jiangsu Vocational College of Information Technology*), Narges Mashhadi Nejad (*The University of Toledo*)

Combining a Smart Pricing Policy with a Simple Replenishment Policy: Managing Uncertainties in the Presence of Stochastic Purchase Returns

Alys Liang (*Stephen M. Ross School of Business*), Stefanus Jasin (*Michigan Ross*), Joline Uichanco (*Michigan Ross*)

Can supply chain analytics benefit the small to medium sized companies in the developing countries? An empirical study

Subarna Haque (*Wichita State University*), Mehmet Bayram Yildirim (*Wichita State University*), Mehmet Barut (*Wichita State University*)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Empirical Studies in Supply Chain Risk Management

Unlock the insights of supply chain risk management through empirical studies in this session. Discover practical approaches to enhance supply chain resilience and navigate uncertainties. Join this session to gain valuable knowledge from empirical studies and empower your supply chain risk management practices.

Chair: Dominic Essuman (The University of Sheffield)

How and When Internationalization Scope Affects Firm Resilience: Theoretical and Empirical Analyses

Dominic Essuman (*The University of Sheffield*), Diana Owusu-Yirenkyi (*University of Leeds*), William Tsiatey Afloe (*Kwame Nkrumah University of Science and Technology*)

Navigating the Emerging Frontiers: Could Altasia be an Alternative to China?

Paul Hong (*University of Toledo*), Fred Ahrens (*University of Toledo*)

Revisiting the construct of supply chain risk management capabilities: Conceptual development and empirical validation

Jimoh Fatoki (*New Mexico State University*), Carlo Mora-Monge (*New Mexico State University*)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon 4

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Sustainability in Supply Chain Risk and Resiliency

This session focuses on the intersection of sustainability and supply chain risk and resiliency. We will discuss how sustainable practices and initiatives can enhance risk management and build resilient supply chains. Join this session to gain insights into the role of sustainability in driving long-term resilience and mitigating supply chain risks.

Supplier Sustainability Risk: An Unintended Outcome of Stakeholder Orientation in Global Supply Chains

Muhammad Umar Boodoo (University of Warwick), Sara Hajmohammad (University of Ottawa), Alok Choudhary (University of Warwick), Robert D. Klassen (Western University)

Climate Change Risk Assessment for a University Campus

John Maleyeff (Boston University), David Weidman (Boston University), Jiaoxue Liu (Boston University), Maria Kristina (Boston University), Yujue Tan (Boston University)

Opportunities in farming research from an operations management perspective

Sushil Gupta (Florida International University), Hossein Rikhtehgar Berenji (Pacific University), Manish Shukla (Durham University), Nagesh Murthy (University of Oregon)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Empirical Studies in Sustainability

This session presents empirical studies that evaluate sustainability from both a firm and consumer perspective. From a firm perspective, a study evaluates how supplier audits impact supplier CSR performance. From a consumer perspective, one study looks at how CSR impacts brand image, another looks at ways to motivate improve household recycling performance, and a third looks at how environmental accidents influence citizen 'green' behavior near the accident.

Chair: Rick Hardcopf (Utah State University)

How do Favorable and Unfavorable Audit Outcomes Impact Supplier CSR Risk?

Xiaojin Liu (Virginia Commonwealth University), Tim Kraft (North Carolina State University)

How do Curbside Feedback Tactics Impact Households' Recycling Performance? Evidence from Community Programs

Erin McKie (The Ohio State University), Aravind Chandrasekaran (The Ohio State University), Sriram Venkataraman (University of South Carolina)

How Environmental Accidents Influence Community 'Green' Behavior: Evidence from a Natural Experiment

Rick Hardcopf (Utah State University)

Does ESG Score and DEI Affect the Brand Image?

Vafa Saboori-Deilami (Dominican University of California), Sandeep Jagani (Illinois State University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Sustainability, CSR and technology

This session showcases studies about sustainability, CSR, and technology in different settings

Chairs: Hung-Chung Su (University of Michigan-Dearborn), Wayne Fu (University of Michigan-Dearborn)

The effect of institutional pressures on environmental performances

Matteo Kalchschmidt (University of Bergamo), Albachiara Boffelli (University of Bergamo), Alice Madonna (University of Bergamo)

Chief Sustainability Officer and Corporate Social Performance: The Mediating Effect of Organizational Network Centrality

Taiwo Abraham (UNIVERSITY OF TEXAS RIO GRANDE VALLEY)

Green, greener, too green? The role of emissions leakage and customer power

Kang Hsu (Georgia Southern University), Rahul Nilakantan (Georgia Southern University), Ahmed Ibtisaama (Georgia Southern University)

Examining Corporate Social Responsibility Behavior in the Early Stages of a Company's Life Cycle

SHIH-SIAN JHANG (National Sun Yat-sen University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | M107

Atlanta Marriott Marquis

WORKSHOP: Blending Analytics and Data Science into Your Business Curriculum

Looking for ways to set your Business Analytics students up for success? Join Cengage for a discussion on how to integrate analytics. You'll hear from current leading Business Analytics professor, Jeff Camm, about emerging topics such as data mining and data visualization, and how to bring these topics to life within your classroom. You'll also dive into current resources and solutions for teaching these topics with a focus on building your students' skill sets to prep them for their careers.

Workshop Coordinator: Jeff Camm (Wake Forest University)

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Sunday, Nov 19th, 2023, 8:00-9:30 a.m. | A708

Atlanta Marriott Marquis

WORKSHOP: Leveraging Data for Cooperative Gains in the Non-Profit Sector: Technology, Systems, and Processes

This workshop explores GivingTuesday's Data Commons (GTDC), a novel model fostering data-driven decisions within the traditionally fragmented non-profit sector. The GTDC's distributed, cooperative approach enhances the sector's capacity to make data-driven decisions, leverage big-data, and make better use of research. We will demonstrate this through three key projects: 1) The Fundraising Effectiveness Project, uniting stakeholders for big-data analytics; 2) Insights to Action, bridging the gap between lagging performance-based analytics and leading behavioral indicators of fundraising; 3) GivingPulse, a real-time, weekly survey in collaboration with researchers providing the most up-to-date sector data.

Workshop Coordinator: Parsa Torabian (GivingTuesday)

Presenter: Parsa Torabian (GivingTuesday)

Sunday, Nov 19th, 2023, 9:00 a.m.-5:00 p.m.

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Sunday, Nov 19th, 2023, 9:00 a.m.-5:00 p.m. | International Salon 1 and 2

Atlanta Marriott

Marquis

PLACEMENT SERVICES: Sunday 9am to 5pm

PLACEMENT SERVICES: Saturday 9am to 5pm Appointments Only

Sunday, Nov 19th, 2023, 9:30-10:00 a.m.

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Sunday, Nov 19th, 2023, 9:30-10:00 a.m. | Imperial B

Atlanta Marriott Marquis

COFFEE BREAK: Co-Sponsored by Ohio State University and DSI

Coffee and Tea break

Sunday, Nov 19th, 2023, 10:00-11:30 a.m.

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A703

Atlanta Marriott Marquis

AWARD: Instructional Innovation Award Competition Sponsored by Alpha Iota Delta

This competition identifies and recognizes outstanding pedagogical innovations in the classroom. New, innovative, and effective ways to illustrate key concepts are often what make for a memorable and enhanced learning experience.

Chair: Kaushik Sengupta (Hofstra University)

Judges: Ardavan Asef-Vaziri (California State University, Northridge), Matthew Drake (Duquesne University), Doug Hales (The University of Rhode Island College of Business), Satish Nargundkar (Georgia State University)

AI-Human Collaboration in Teaching: Auto-Generation and Test of Operations Management Education Videos

Torbjørn Netland (ETH Zürich), Katalin Tesch (ETH Zürich), Daniel Kwasnitschka (ETH Zürich), Oliver von Dzengelevski (ETH Zürich)

Playing Goldratt's Dice Game in Large Classes

Chuck Munson (Washington State University), Vicky Luo (University of Hartford)

Proof of Attendance Protocols: Blockchain Technology in the Classroom

David Dreyfus (Rutgers University - Rutgers Business School)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M108

Atlanta Marriott Marquis

BOARD MEETING: Western DSI Board Meeting

A meeting of the WDSI Board of Directors.

Members: Salem Boumediene (University of Illinois Springfield), Yuanjie He (California State Polytechnic University, Pomona), Stanley Griffis (Michigan State University), Seong Jong Joo (Air Force Institute of Technology), Sheldon R Smith (Utah Valley University), Vivian Landrum (Decision Sciences Institute)

Chair: Pia Gupta, CSU Long Beach

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Machine Learning Applications in Business Analytics

The session includes talks on prediction problems using machine learning techniques in various applications, from egg production to pharmaceutical supply chains.

Chair: Dinesh K Sharma (University of Maryland Eastern Shore)

A machine learning decision-making framework for pharmaceutical supply chains

Russell Sadeghi (Department of Industrial Engineering, University of Science and Technology of Mazandaran, Behshahr, Iran.), Ava Hajian (University of North Texas), Meysam Rabiee (Business School, University of Colorado Denver, Denver, CO 80202, USA)

Analysing containers' truck productivity using data analytics

Nang Laik Ma (Singapore University of Social Sciences)

Assessment of Water Quality of the San Joaquin River using Multivariate and Machine Learning Techniques

Ozlem Cosgun (Montclair State University), Maria Helena Rivero (Harrisburg University of Science and Technology), Burak Cankaya (Embry-Riddle Aeronautical University), Eyyub Kibis (Montclair State University)

Machine Learning Models for Predicting Age of Hens at Optimal Production of Eggs

Dinesh K Sharma (University of Maryland Eastern Shore), Alok Shukla (D.A.V. College, CSJM University, Kanpur, India), Saif Ali Khan (Babasaheb Bhimrao Ambedkar University, Lucknow, India), Subhash Kumar Yadav (Babasaheb Bhimrao Ambedkar University, Lucknow, India)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 7

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Miscellenious Applications in Business Analytics - II

This session includes talks on unique business analytics applications ranging from performance evaluation of nursing homes, college departments to innovation.

Chair: Mohammed Ahmed AlKhars (King Fahd University of Petroleum & Minerals (KFUPM))

Analyzing the interplay between big data analytics-enabled dynamic capabilities and contextual factors in innovation.

Adilson Carlos Yoshikuni (Mackenzie Presbyterian University), Marcio Quadros Lopes dos Santos (Mackenzie Presbyterian University), Rajeev Dwivedi (Eastern Washington University), Pradeep Dwivedi (Technology & Analytics in Management, Accounting, and Finance (TAMAF) Mackenzie Presbyterian University)

Performance Evaluation of United States Nursing Homes During the COVID-19 Pandemic

Mehrdad Jalali Sepehr (University of Toledo), Yue Zhang (University of Toledo)

Effect of technology empowered leadership on performance improvement for the organization: A Business Analytics outlook

Shubham Singh (Purdue University Fort Wayne), Paul Hong (University of Toledo), Sandeep Jagani (Illinois State University)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Adding Value to Instruction through Relations with External Entities

Session leaders will share their own experiences of how the relationships they have developed with external entities have provided value to instruction at their respective institutions. The first will discuss how to build partnerships between the university and industry and the benefit provided. The second will be on the value from data-driven community projects with a variety of external entities. The third will discuss the value of being in relation with those working in areas where your students may be employed and to the value of the Education-to-Business (E2B) model used in classes.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Goutam Chakraborty (Oklahoma State University), Charlie H. Apigian (Belmont University), Bob McQuaid (Pepperdine University)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M106

Atlanta Marriott Marquis

DECISION SCIENCES in PRACTICE: Industry 4.0 technologies applications

This session presents Industry 4.0 technology applications, such as Drones, AI and social media.

Chair: Luxin (Grace) Zhang (University of North Carolina, Chapel Hill)

Reliance on AI and Predictive Modeling

WILLIAM RANDALL (University of North Texas), Vikas Sinha (University of North Texas), Victor Prybutok (University of North Texas)

The Impact of Social Media Adoption on Firm Performance: A Comparison Between the Service and Manufacturing Sectors

Luxin (Grace) Zhang (University of North Carolina, Chapel Hill), Chia-Ching (Edward) Chou (Central Michigan University), Chieh Lee (National Sun Yat-sen University)

Case-based Reasoning for Meta-learning of Visual Inspection Algorithm Selection

Shu Wang (Georgia Institute of Technology), Mulang Song (Mr.), Yiyun Fei (Georgia Institute of Technology), Roger Jiao (Georgia Institute of Technology)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Fairness Concerns and Side Effects (if any) of DEI Business Practices

This session includes talks that investigate fairness concerns and side effects, if any, stemming from DEI-focused business practices and decisions.

Chair: Sanchita Das (PhD Student)

DEI and Fairness: Interpretations and Relationships

Lanqing Du (Ph.D. Candidate), Jinwook Lee (Assistant Professor)

Fairness in Behavior Driven Insurance Products

Sanchita Das (PhD Student)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 8

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Nourishing the Future: Bridging Food Insecurity, Sustainability, and Decision Sciences

During this session, you will be exposed to research presentations focusing on food and agricultural systems. The topics covered will include discussions on food insecurity and sustainability, along with an exploration of the significance of decision sciences and operations research in these areas.

Chair: Deniz Besik (University of Richmond)

Competitive Sustainable Agricultural Supply Chains with Environmental and Social Considerations

Deniz Besik (University of Richmond), Sara Saberi (WPI), Pritha Dutta (Pace University), Rodrigo Mercado Fernandez (TEC Monterrey)

Mitigating Food Under-Served Areas: The Policy-Maker Problem

Sofia Perez-Guzman (Georgia Institute of Technology), Jose Holguin-Veras (Rensselaer Polytechnic Institute)

Achieve Resilience to Disruptions by Building Redundancy in Food Bank Operations

Yingru Han (University of South Carolina), Luv Sharma (University of South Carolina), Pelin Pekgun (University of South Carolina), Olga Perdikaki (University of South Carolina)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Improving Healthcare Operations

Efficient operations are critical to support every aspect of patient care. In this session we include studies that focus on improving operations in healthcare with the purpose of enhancing outcomes such as population health, clinical outcomes, and delivery of care.

Chair: Claudia Regina Rosales (University of Arkansas - Fayetteville)

Managing Trade-off between PPE Inventory and Patient Care Services: Do Isolation Wards Really Help?

Sukrit Pal (Iowa State University), Anand Nair (Northeastern University)

Organizational learning from prolonged quality failures

Hanu Tyagi (University of Minnesota), Rachna Shah (University of Minnesota)

An Analysis of Incentive Schemes for Participant Retention in Clinical Studies

Xueze Song (UIUC), Mili Mehrotra (University of Illinois at Urbana-Champaign), Tharanga Kumudini Rajapakshe (University of Florida)

Influenza Vaccine Contracts in Developing Nations - Coordination, Flexibility and Vaccine Coverage

Raunak Joshi (Indian Institute of Management Calcutta), Sumanta Basu (Indian Institute of Management Calcutta), Claudia Regina Rosales (University of Arkansas - Fayetteville), Arnab Adhikari (Indian Institute of Management Ranchi)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Operations Management in Hospitals and Emergency Departments

Operations Management in Hospitals and Emergency Departments

Chair: C. Christopher Lee (Central Connecticut State University)

The Impact of Increasing Entry Fee on Emergency Department Demand: A Territory-Wide Study

Hyun Seok (Huck) Lee (Korea University), Eric Park (University of Hong Kong), Timothy Rainer (University of Hong Kong)

The drivers of wait time in the emergency department

Lanlan Zhu (University of North Texas), Arunachalam Narayanan (University of North Texas)

Hospital System Taxonomy and Hospital Efficiency: A Data Envelopment Analysis Model

C. Christopher Lee (Central Connecticut State University), Ruoqing Zhang (Central Connecticut State University), Lisa Frank (Central Connecticut State University), Yong-Taek Min (Florida Gulf Coast University), Jeong Hoon Choi (Youngstown State University)

Factors effecting the readmission rates in hospitals: Mixed method study

Brooklyn Radtke (University of Wisconsin La Crosse), Chris Plaisance (Black River Memorial Hospital), Mark Hughes (Black River Memorial Hospital), Uzay Damali (University of Wisconsin La Crosse), Anup Menon Nandialath (University of Wisconsin La Crosse)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M302

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Technology Adoption in Healthcare

Technology Adoption in Healthcare

Chair: Navya Ververthi (University of North Texas- Denton)

A Framework for Evaluating the Impact of Technology Adoption on Hospital Performance

Xianghui Peng (Penn State Erie, The Behrend College), Xinyu Wei (California State University, Chico), Heng Xie (California State University, Sacramento), Victor Prybutok (University of North Texas)

Linking e-health usage and health supply chain performance: a mediation-moderation analysis

JOSEPH AKYEH (KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY), Abdul-Samed Muntaka (Kwame Nkrumah University of Science and Technology), Emmanuel Anin (Kumasi Technical University)

An Emerging Adult Patient Portal Behavioral Model

Navya Ververthi (University of North Texas- Denton), Victor Prybutok (University of North Texas), Lingzi Hong (University of North Texas- Denton)

Who made my drug? An empirical analysis of the US' statins supply chain

Andrea Mattaliano (Università degli Studi di Palermo/NCSU), Manfredi Bruccoleri (Università degli Studi di Palermo), Robert Handfield (North Carolina State University)

199

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 6

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Ethical and Security Issues in IT/IS

This session studies the ethics, security, and risk issues in the Age of AI.

Chair: Jiajia Qu (University of Texas Permian Basin)

Investors' Perspectives on Security and Privacy in Cryptocurrency Exchanges

Hossein Mohit (G. Brint Ryan College of Business, University of North Texas), Vess L. Johnson (G. Brint Ryan

College of Business, University of North Texas

Risk Exposure in AI Companies - An Analytic Approach to Report Analysis

Catalin Dinulescu (Tarleton State University), Will Senn (Tarleton State University)

What's the Matter with the AI Ethical Issues?

Liqiang Chen (University of Wisconsin - Eau Claire)

200

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 4

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Managing Innovation and New Product Developments

This session showcases current research on the challenges of managing innovation and new product development.

Chair: Jeremy Kovach (University of North Texas)

Tolerance for Failure: Evidence from the Motion Picture Industry

Jeremy Kovach (University of North Texas)

Changing course: How do analogies direct pivots?

Panos Markou (Darden, University of Virginia), Jeremy Hutchison-Krupat (Cambridge Judge Business School)

Supply-chain analysts and supplier innovation

Morgan Swink (Texas Christian University)

Achieving performance in innovative projects: Strategies for Planning and Adapting

Gulru Ozkan-Seely (University of Washington Bothell), Surya Pathak (University of Washington Bothell), P.V. Sundar Balakrishnan (University of Washington Bothell), Mohan Tatikonda (Indiana University)

201

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A705

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Empirical Research on Decision Sciences Pedagogy

This session includes presentations that discuss empirical research results obtained in a pedagogical setting.

Chair: Melinda Kay Cline (Georgia Gwinnett College)

Assessing Student Engagement in Groups: A Comparative Analysis of Team Member Peer Evaluation Strategies

Melinda Kay Cline (Georgia Gwinnett College), Nannette Napier (Georgia State University)

A Study of Presence and Gender in Online Education

ChongWoo Park (Augusta University), Dong-gook Kim (Dalton State College)

Can an Innovative Pedagogical Approach Increase Elementary Statistics Course Achievement for Minority Students?

Candice Ridlon (University of Maryland Eastern Shore), Camryn Walston (University of Maryland Eastern Shore), Fabiola Beauvoir (University of Maryland Eastern Shore)

Effective Instructor Traits: Impact of COVID-19 Pandemic

Khaled Alshare (Qatar University), Hana Alsholi (Qatar University), Ola Shadid (Qatar University)

202

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A706

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Topics in Decision Sciences Pedagogy

This session includes presentations focusing on various aspects of decision sciences pedagogy.

Chair: Seong Bae Lim (St. Mary's University)

Research on the Application of Intelligent Wearable Devices Based on Aerogel Composite Phase Change Materials in Physical Education Teaching

袁梦 (同济大学), lili qin (同济大学)

Youth Narratives In Relation to Trauma

Audra E Dankwardt (UMass Amherst), Jesslynn Rocha Neves (University of Massachusetts)

Teaching Facility Location Planning Using Real Cities and Distances

Jason Riley (Sam Houston State University), Kevin Sweeney (Sam Houston State University)

Culture and entrepreneurial orientation:Longitudinal Study

Seong Bae Lim (St. Mary's University)

How Effective are Success Story Cases in Case-based Learning of Transportation and Logistics?

Michael Haughton (Wilfrid Laurier University)

203

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: From the Port to the Pantry: Exploring Transportation and Logistics Dynamics across the Supply Chain

The objective of this session is to present research on the central role that transportation and logistics activities play in both the pursuit and actualization of variant firm supply chain goals and objectives. We do so by exploring the occurrence of these supply chain transportation activities across the first-, middle-, and last-mile of the supply chain.

Chair: Marc Scott (University of Arkansas)

Impact of Clean Port Programs on Adaptation of Reduced Carbon Footprint Transportation Equipment.

Chinedu Ufodike (University of Tennessee,Knoxville), Alex Scott (University of Tennessee), Yemisi Bolumole (University of Tennessee)

Job Creation and Job Destruction Dynamics in the Truck Transportation Industry

Jason Miller (Michigan State University), Jonathan Phares (Iowa State University), Stephen Burks (University of Minnesota Morris)

Carbon Pricing and the Truckload Spot Market

Andrew Balthrop (University of Arkansas)

Exploring Consumer Delivery Service Choice in the Last Mile

Marc Scott (University of Arkansas), Matthew Jenkins (East Tennessee State University), Christopher Boone (Mississippi State University)

204

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M303

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Additive, Lean, and Intelligent Manufacturing

This session includes various research on manufacturing featuring topics on additive, lean, and intelligent manufacturing.

Chair: Mohammad Meybodi (Indiana University Kokomo)

Additive Manufacturing as a Catalyst for Supply Chain Resilience: An Empirical Analysis

Abdullah Yildizbasi (Worcester Polytechnic Institute), Cihat Ozturk (Ankara Yildirim Beyazit University), Sara Saberi (WPI)

Lean Manufacturing Practices Impacting Organizational Competitiveness Through Better Alignment of Benchmarking Performance Metrics

Mohammad Meybodi (Indiana University Kokomo)

205

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M304

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Novel Topics in Bundling, Product, and Contract Design

This session presents several interesting topics related to platform's contract choice under bundling, sustainable product development and evaluating performance-based contracts during a product lifecycle.

Chair: Muhammad Usman Ahmed (University of Michigan Flint)

Evaluating Performance based Contracts on Product Lifecycle

Saba Pourreza (Cameron School of Business, University of North Carolina Wilmington)

Strategic Role of Upstream Bundling: Agency or Wholesale Contract?

Yuanzhao Tang (School of Management, University of Science and Technology of China), Qingning Cao (School of Management, University of Science and Technology of China), Xianjun Geng (A. B. Freeman School of Business, Tulane University), Xiang Ji (School of Management, University of Science and Technology of China), Sandun Perera (University of Nevada, Reno)

Investing in sustainable product development: Insights from the theory of planned behavior

Muhammad Usman Ahmed (University of Michigan Flint), Asad Shafiq (California State University Fullerton)

206

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 5

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Disruptive Technologies and Behavior in Finance and Management

This session explores the implications of disruptive technologies and behavioral analysis in the domain of conventional finance and management.

Chair: Nesreen El-Rayes (New Jersey Institute of Technology)

Empirical Asset Pricing via Machine Learning: The Role of Technical Indicators

Ummahani Akter (Oklahoma State University), Ajim Uddin (New Jersey Institute of Technology)

From Waste to Wealth: A Future Paradigm for Plastic Management Using Blockchain Technology (BCT)

Nesreen El-Rayes (New Jersey Institute of Technology), Aichih (Jasmine) Chang (NJIT (New Jersey Institute of Technology)), Jim Shi (New Jersey Institute of Technology)

The Power of Crowds on Social Media – Evidence from Tweets Attached with Meme Stock Cashtags

Shaoqing Zhang (New Jersey Institute of Technology), Xinyuan Tao (New Jersey Institute of Technology)

207

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M103

Atlanta Marriott Marquis

PROJECT MANAGEMENT: Organizational Considerations in Project Management

This session will focus on organization design, culture, and ethics and their impact on effective project management and project outcomes.

Chair: Will Millhiser (Baruch College, CUNY)

Effect of stress levels on project costs and completion

Balaji Janamanchi (Texas A & M International University)

How organizational culture affects project performance: US-Thailand comparison

Qiannong (Chan) Gu (Ball State University), Jie Yang (University of Houston - Victoria), Yixiu Yu (Ball State University), Lu Wang (Ball State University)

The Impact of Varying Levels of Virtuality on Project Team Performance

Ade Arowolo (Brock University), Ken Klassen (Brock University), Teju Herath (Brock University)

The Importance of Project Management Ethics and Its Effects on Business Success

Maling Ebrahimpour (The University of Rhode Island), Chrisitopher Orr (The University of Rhode Island), Rachel Vennel (The University of Rhode Island), Paulina Loreda-Vilchis (The University of Rhode Island)

208

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M301

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Empirical Service Operations Management

Covers topics such as professional service firms, retail services, and online information services.

Chair: Sina Golara (Georgia State University)

Understanding the Value of Feature Information Sharing

Hojun Choi (Northwestern University (Kellogg School of Management)), Ahmet Colak (Clemson University), Sina Golara (Georgia State University), Achal Bassamboo (Northwestern University)

When The Disruptor is Disrupted: The Targeted Forced Exit of Ecommerce Retailers in the Automotive Industry

Seongkyoon Jeong (University of Tennessee, Knoxville), Zac Rogers (Colorado State University), Sina Golara (Georgia State University)

209

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M109

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Experimental Research Applications in Operations Management and Logistics

This session features research based on experiments in a variety of settings.

Chairs: Stanley Lim (Michigan State University), Adrian Choo (Michigan State University)

Does Volunteering Crowd Out Donations? Evidence from Online Experiments

Chao Wu (Wayne State University)

Automation or Collaboration? Comparing Integrated Learning Methods with Machine Learning in Demand Planning

Finnegan McKinley (University of Arkansas)

Task Autonomy, Tacit Knowledge, and Operational Performance: Evidence from Field Experiments in Last-Mile Delivery Operations

Ruolei Liu (Tianjin University)

Fueling or Dousing the Flames? Environmental Accidents and Selective Disclosure

Suvrat Dhanorkar (Penn State University)

210

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon C

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Platforms and Restaurants

This session deals with platforms and restaurants in service operations.

Chair: Jaelynn Oh (The University of Utah)

Food Ordering and Delivery: How Platforms and Restaurants Should Split the Pie

Jaelynn Oh (The University of Utah), Chloe Kim Glaeser (University of North Carolina), Xuanming Su (University of Pennsylvania)

Optimizing Operations in the Restaurant Industry: Evaluating the Effects of Transitioning from Tipping to Profit-Sharing

Yi Liu (University of South Dakota), Punya Chatterjee (University of Memphis)

Rating Platform Design with Reference Effects

Qian Zhang (University of Pittsburgh), Arian Aflaki (University of Pittsburgh)

211

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A707

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Manufacturing and Supply Chains

The papers in this session discuss manufacturing and supplier selection related issues.

Chair: Woo Yong PARK (University of Nevada (Las Vegas))

The Performance Impact of the New-Incumbent Supplier Selection before and after the Emergence of an Architectural Innovation

Woo Yong PARK (University of Nevada (Las Vegas)), Young Ro (University of Michigan (Dearborn)), Chanchai Tangpong (North Dakota State University)

Educational Supply Chain Management in the Higher Education Sector: Bangladesh Perspective

Sabbir Ahmed Chowdhury (University of the West of Scotland), Rubaiya Sharmin (Khulna University), Md. Al-Amin (University of Dhaka), MD RASEL AL Mamun (Old Dominion University), Alsius David (SUNY Oneonta)

Deploying AMT to Acquire Manufacturing Flexibility or Efficiency: Lessons from the Field

Rajeev Sawhney (Western Illinois University), Narendar Sumukadas (University of Hartford)

212

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Decision-making in supply chain management

The session invites three author teams present works on various topics as regard supply chain decision-making, at the firm, the upstream and the downstream. The presented works use various empirical methodologies and research designs.

Chair: Li Cheng (Michigan State University)

Warm negotiation behavior – good or bad? Empirical evidence from an experimental study

Leopold Ried (Rotterdam School of Management, Erasmus University Rotterdam), Henrik Franke (University of Cologne), Brian Gunia (Johns Hopkins University)

Mandatory Environmental Disclosure and Environmental Performance

Jie Lian (University of South Carolina), Yan Dong (University of South Carolina), Keith Skowronski (University of South Carolina), sining song (University of Tennessee Knoxville)

A warm glow perspective on gaining a bigger “slice of the pie” during societal crises: The case of local service businesses

Li Cheng (Michigan State University), Christopher Craighead (University of Tennessee), Dave Ketchen (Auburn University)

Impacts of Supply Selection Criteria on Environmental Sustainability

Batoul Modarress (Quality Technology Inc.), AL Arash Ansari (Seattle University)

213

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A704

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Food Supply Chains

This session investigates topics in agriculture and food supply chains.

Chair: India Allen (Georgia State University)

How Do Supply Chain Capabilities Impact Food Waste?

India Allen (Georgia State University), Madhavi Nandi (Georgia State University), Oyovwe Akpoigbe (Georgia State University), Subhashish Samaddar (Georgia State University)

International agricultural trade network equilibrium: competition for limited production and transportation capacity under disaster scenarios with implications for food security

Anna Nagurney (University of Massachusetts Amherst), Dana Hassani (University of Massachusetts Amherst), Oleg Nivievskyi (Kyiv School of Economics), Pavlo Martyshch (Kyiv School of Economics)

Industry 5.0 and the Food Supply Chain: A Literature Review

Steven Formanek (Minnesota State University, Mankato)

A Circular Supply Chain to Build Resilience and Sustainability for Agriculture Supply Chains: Avocado Industry

Arman Derakhti (Faculty of Engineering, University of Talca, Curico, Chile), Kiarash Sadeghi R (North Carolina A&T State University), Ernesto D.R. Santibañez Gonzalez (Industrial Engineering department and CES4.0, Faculty of Engineering, University of Talca, Curico, Chile)

214

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Topics on Supply Chain Management

This session explores research topics that fall under the general supply chain management domain.

Chairs: Serkan Akturk (Clemson University), Soomin Park (The Behrend College)

Examining the Influence of Information Interaction on User Participation's Value Co-Creation: A Case of Technological Innovation Commercialization

Yuan Hu (The University of Toledo), Exi Zhu (Jiangsu Vocational College of Information Technology), Narges Mashhadi Nejad (The University of Toledo)

Investigating the determinants of a firm's sourcing strategy decision: Industry 4.0 global supply chains and the amalgamation of technologies

Pedro Martinez Reyes (Baylor University), Chris Meyer (Baylor University), John Visich (Bryant University), Michael Gravier (Bryant University)

The Effect of Censored Demand in the Data-driven Newsvendor Problem: A Comparative Study

Adeela Gulzari (University of North Texas), Robert Pavur (University of North Texas)

The Impact of Industry Characteristics on the Extent of Logistics Outsourcing

Soomin Park (The Behrend College)

215

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Enhancing Supply Chain Resilience

Learn practical strategies to strengthen the supply chain's resilience. Explore risk mitigation techniques, contingency planning, and supplier management. Boost the organization's ability to navigate uncertainties and disruptions.

Chair: Boyoung Yoon (ChungAngUniversity)

Assessing The Efficacy of Supply Chain Resilience and Inventory Management Practices during the Covid-19 Pandemic

Carmella Lennon (Morehouse College), Douglas McWilliams (University of West Georgia)

Enhancing Supply Chain Resilience through Time-to-Adapt: A Study on Mass Customization Manufacturers and Suppliers in the wake of COVID-19

Mohsen Mosayebi (Georgia college and state university), Michel Fathi (University of North Texas), Mehrnaz Khalaj Hedayati (Georgia college and state university)

It Takes a Village: Supply Chain Management Resiliency Insights from the Pandemic

Thomas Sloan (University of Massachusetts - Lowell)

Work force well being and accident

Donghyun Choi (ChungAng University), Boyoung Yoon (ChungAngUniversity)

216

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Energy Storage and Usage.

The session deals with effective stationary policy, the impact of IUU consumption on power outages and logistics efficiency, and the best combination of photovoltaic and battery energy storage systems in a supply chain.

Chair: Na Rea Cho (The University of Alabama)

An Effective Stationary Policy for Managing Residential Energy Storage

Na Rea Cho (The University of Alabama), Youngsoo Kim (The University of Alabama), Karthik Murali (Oregon State University), Mesut Yavuz (The University of Alabama)

IUU (Illicit, Unreported and Unregulated) Power Consumption, Power Outages and Supply Chain Performance

Okyere Anim Barima (KNUST School of Business), Listowel Owusu Appiah (Center for Applied Research and Innovation- Africa, Kwame Nkrumah University of Science and Technology), Emmanuel Kweku Quansah (Kwame Nkrumah University of Science and Technology), Matilda Owusu Bio (KNUST School of Business)

217

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Sustainability in Supply Chain

Research on the theories and applications of environmentally and socially sustainable practices at every stage of a supply chain.

Chair: Dongli Zhang (Fordham University)

Impacts of Supply Chain Coordination on Environmental Sustainability

charles luo (metro state university), Dongli Zhang (Fordham University), John Ni (Miami University)

Evaluating ESG Performance of Global Firms

Sarah Wu (Fordham University)

Sustainability Efforts and Results: The Performance Implications of Sustainability Enablers and Barriers

Dongli Zhang (Fordham University), charles luo (metro state university), John Ni (Miami University), Xiaowen Huang (Miami University)

218

Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | A708

Atlanta Marriott Marquis

WORKSHOP: Meet the Editors of DSI Journals

Get up close and personal with the editors of the Decision Sciences Institute's Journals. The editors will share their insights into what they are looking for and how to successfully position your work to be published in the Decision Sciences Journal and the Decision Sciences Journal of Innovative Education.

Workshop Coordinators: Xenophon Koufteros (Texas A&M University), Sri Talluri (Michigan State University), Susan Palocsay (James Madison University)

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Sunday, Nov 19th, 2023, 10:00-11:30 a.m. | M107

Atlanta Marriott Marquis

WORKSHOP: Teaching Analytics Made Easy with a Low-Code Platform

Join KNIME for an introduction to the open-source KNIME Analytics platform where they will demonstrate how a low-code/no-code platform can be used to accelerate the teaching of analytics topics such as data wrangling and machine learning for students without a programming background. Don't miss this opportunity to explore the ease and effectiveness of KNIME Analytics Platform for teaching and learning analytics and data science.

Workshop Coordinators: Scott Fincher (KNIME), Dursun Delen (Oklahoma State University)

Sunday, Nov 19th, 2023, 11:30 a.m.-1:00 p.m.

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Sunday, Nov 19th, 2023, 11:30 a.m.-1:00 p.m. | On Your Own

Atlanta Marriott Marquis

MEAL: Sunday Lunch on Own

Enjoy lunch with colleagues at the variety of venues available at the hotel or nearby.

Sunday, Nov 19th, 2023, 1:00-2:30 p.m.

221

Sunday, Nov 19th, 2023, 1:00-2:30 p.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Discussion of Perceived Issues for Data Analysis Instruction for Today's Students

The discussion of issues will be open to cover a range of changes that can affect instruction today. These changes include changes in technology relevant for data analysis, such as AI and grading in an AI world; changes in student prior preparation and current needs; changes in administration's emphasis on better student retention in contrast to graduate quality; changes in competencies desired for new hires by employers and for incoming students for subsequent classes. Focusing on students leads to identifying typical areas of weakness and identifying the needs and issues faced by student segments such as international students.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Reza Kheirandish (Clayton State University), Chandrashekar D. Challa (Virginia State University), Fatemeh Valizadeh (Virginia Commonwealth University), Ivor Cribben (University of Alberta), Yasser Zeinali (University of Alberta), Wilma Andrews (Virginia Commonwealth University), Melissa Washington-Nortey (King's College London)

222

Sunday, Nov 19th, 2023, 1:00-2:30 p.m. | Imperial A

Atlanta Marriott Marquis

KEYNOTE: Supply Chain Management: Integrating AI, Optimization, and Human Insights for People, Profit, and Planet

In the ever-evolving landscape of supply chain management, decisions made that are responsive, relevant, and responsible have become paramount. Relevant responses must be timely and intelligent, calling for maturation in decision-making, powered by AI, optimization, and human insights. This session will provide real-world examples drawing upon industry expertise to illustrate how to employ these strategies to inspire and guide organizations to navigate today's supply chain challenges with confidence and purpose.

Presenter: Anne Robinson (Kinaxis)

Chair: Pelin Pekgun, *University of South Carolina*

Sunday, Nov 19th, 2023, 2:30-2:50 p.m.

223

Sunday, Nov 19th, 2023, 2:30-2:50 p.m. | Imperial B

Atlanta Marriott Marquis

COFFEE BREAK: Co-Sponsored by Rutgers Business School and DSI

Coffee and Tea break

Sunday, Nov 19th, 2023, 2:50-4:20 p.m.

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M103

Atlanta Marriott Marquis

ACCOUNTING: Accounting Information & Analysis

This session explores various aspects of corporate performance and reporting. The first paper investigates how the presence of politically connected and foreign directors on a board affects earnings quality. The second paper analyses how relatively few return extremes in short and long-term periods strongly impact stock portfolio returns. The third research highlights the absence of specific accounting standards governing the reporting of breaches by publicly traded companies.

Chair: A. J. Stagliano (*Saint Joseph's University*)

The Effect of Political Connections and Foreign Directors on Earnings Quality: Evidence from the GCC Countries

Adel Elgharbawy (Qatar University), Hany Kamel (Qatar University), Fathia Lahyani (Qatar University), Mostafa Hassan (Qatar University)

The Tail Wagging the Dog: Extreme Observations Can Drive Financial Data to Untenable Outcomes

A. J. Stagliano (Saint Joseph's University)

Management Assertions about Data Breach in the 10Ks: Sentiment Analysis

Ahmad H. Jumah (University of Illinois Springfield), Yasan Alnsour (University of Wisconsin Oshkosh), Abdullah Albizri (Montclair State University)

Budget Variance Analysis of n-Variable Products with Zero or n Responsibility Centers

Craig Sorochnik (Seton Hall University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A705

Atlanta Marriott Marquis

AWARD: DSI Chapter Best Paper Presentation Award I

This competition identifies and recognizes outstanding papers submitted at a DSI Regional Conference during 2023. Each paper meets the following criteria: (1) The paper was submitted for and won a Best Paper Award at a 2023 DSI chapter annual conference, (2) The best paper has not been accepted for publication at the time of its selection for the DSI Annual Conference, and (3) Finalists must register for and attend the 2022 Annual Conference of the Decision Sciences Institute in order to be eligible to win.

Chair: Pedro Martinez Reyes (Baylor University)

Evaluating Punctuated Equilibrium Dynamics Within a Crisis Context

Sahir Shafi (California State University Dominguez Hills), Daniel J. Mallinson (Pennsylvania State University Harrisburg)

Understanding Covid-19 Impact on Supply Chain through Social Media Discussion

Suhong Li (Bryant University), Fang Chen (University of New Haven), Thomas Ngniatedema (Morgan State University)

226

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M108

Atlanta Marriott Marquis

BOARD MEETING: Northeast DSI Board Meeting

A meeting of the members of the NEDSI Board of Directors.

Members: Dinesh Pai (Penn State University), Amit Arora (University of the District of Columbia), Neil Desnoyers (St. Joseph's University), Joy Field (Boston College), EunSu Lee (New Jersey City University), Haleh Karimi (Bellarmine University), Raktim Pal (James Madison University), Vivian Landrum (Decision Sciences Institute)

Chair: Homer Bonitsis, NJIT

227

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Miscellenious Applications in Business Analytics - I

This session includes talks on unique business analytics applications ranging from sports to political systems and EV chargers.

Chair: Tuncay Bayrak (Western New England University)

A Quantitative Examination of the World's Political Systems

Tuncay Bayrak (Western New England University)

Dismantling Echo chambers in digital media platforms

Venu Bhaskar Puthineedi (Trinity college dublin), Ashish Kumar Jha (Trinity college dublin)

Improving Disadvantaged Communities by Locating EV Chargers

Ibrahim Capar (Bowling Green State University), Ozgur Araz (University of Nebraska–Lincoln), Tammy Beck (University of Nebraska–Lincoln)

Is the Football Power Index a Good Bet?

Thomas R. Robbins (East Carolina University), Drew Huffman (East Carolina University)

228

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M107

Atlanta Marriott Marquis

CYBER SECURITY and SYSTEM RESILIENCY: Research on Cyber Security

Presentations in this section explore the current academic research on cyber security.

Chair: Jung Hwan Kim (Appalachian State University)

Data Breach Management: An Organizational Resilience Perspective

Jung Hwan Kim (Appalachian State University), Euisung Jung (University of Toledo), Eun Ju Jung (George Mason University)

The Intellectual Structure of Social Engineering Research: A Co-occurrence Approach

Anil Singh (University of Texas at Arlington), George Mangalaraj (Western Illinois University), Aakash Taneja (Stockton University)

Does Context Matter? The Effect of AI Disclosure on Evaluations of Cybersecurity Documentations

Shem Amalaya (KPMG, Ireland), Oteng Ntsweng (National University of Singapore), Alsius David (SUNY Oneonta), MD RASEL AL Mamun (Old Dominion University), Bonani Thela (Botswana International University Of Science And Technology), Tshiamo Sigwele (Botswana International University Of Science And Technology)

The Effect of Ransomware Attacks on Stock Market

Olga Biedova (College of Charleston), Diogo Duarte (Florida International University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Perspectives on AI Use for Data Analysis Instruction

Perspectives on AI Use for Data Analysis Instruction

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Charlie H. Apigian (Belmont University), Rebecca Olson (McGraw Hill), Bob McQuaid (Pepperdine University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | Imperial A

Atlanta Marriott Marquis

DECISION SCIENCES in PRACTICE: AI & Responsible AI in Practice

This panel, consisting of industry experts, will discuss how AI is used in industry applications, how to make AI more "responsible", challenges and opportunities, with perspectives from various sectors.

Moderator: Pelin Pekgun (University of South Carolina)

Panelists: Jon Higbie (DataPrime), Vedat Akgun (Teradata), Ulas Cakmak (Cognira), Anne Robinson (Kinaxis), Pascal Van Hentenryck (Georgia Institute of Technology)

DECISION SCIENCES in PRACTICE: Trends in the synergy between technology and behavioral dynamics

The purpose of this session is to present and highlight research that delves into the intricacies of behavioral mechanisms and biases associated with the utilization of technology. The primary emphasis is on comprehending the sociotechnical system, encompassing both the individual and the technology involved. By examining this dynamic relationship, the session aims to offer valuable insights into the interplay between human behavior and technological factors.

Chair: Mateus do Rego Ferreira Lima (The Ohio State University)

Mitigating Trade-offs between Safety and Completion Time: Public Relative Performance Feedback and Best Practice Sharing

Soh Hyun Chu (The Ohio State University)

Leveraging the Internet of Things and an understanding of human behavior in condition-based preventive maintenance

Mateus do Rego Ferreira Lima (The Ohio State University)

Explanation Seeking and Recommendation Adherence in Human-to-Human versus Human-to-Artificial Intelligence Interactions

Cecilia Ying (Queen's University)

Exploring the Influence of Drivers' Psychological and Physiological Traits on Performance: A Driving Simulator Study

Suman Niranjani (University of North Texas), Janeth Gabaldon (University of Arkansas), Vipul Garg (University of North Texas), Arunachalam Narayanan (University of North Texas)

HEALTHCARE MANAGEMENT: Management of Dialysis and Organ Transplantation

Management of Dialysis and Organ Transplantation

Chair: Ilyas Ustun (DePaul University)

A Continuous Scoring Model for Fair Liver Transplant Allocation

Shubham Akshat (Carnegie Mellon University), S. Raghavan (University of Maryland)

Why Do Organ Transplants Fail? An Explainable Analytics Framework

Ismail Abdulrashid (The University of Tulsa), Kazim Topuz (The University of Tulsa)

Improving Donor-Recipient Matches with Data Driven Methodologies

Ilyas Ustun (DePaul University)

Economics of Introducing a Mobile Clinic as an Added or Exclusive Modality for Dialysis Service

Mona Jabbari (Colorado School of Mines), Nagesh Murthy (University of Oregon), Eren Çil (University of Oregon)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Patient Engagement in Healthcare

Patient Engagement in Healthcare

Chair: Will Senn (Tarleton State University)

Telemedicine using Mobile Apps: Actual Users' Motivation and Attitude

Seungjae Shin (Mississippi State University, Meridian), Won-jun Lee (Cheongju University)

Exploring the Role of Aging-In-Place Organizations in Facilitating Older Adults' Adoption of Relational Technology Amidst and Beyond Covid-19

John Alagood (University of North Texas), Gayle Prybutok (University of North Texas), Victor Prybutok (University of North Texas)

The Relationship between Wellness and Omicron Vaccination Hesitancy

Will Senn (Tarleton State University), Satvika Marrapu (Miss), Victor Prybutok (University of North Texas)

234

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 6

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Frontiers of Knowledge Management

This session explores the frontiers of knowledge management.

Chair: Asit Bandyopadhyay (Austin Peay State University)

Who is an IS/IT Professional? A Review of the Literature for a Taxonomic Answer.

Ajaan Rahman Khan (Louisiana Tech University)

How firms learn to manage tensions in IT outsourcing relationships

Elvis Ngah (Vrije Universiteit Amsterdam), Valerie Duplat (Vrije Universiteit Amsterdam), Brian Vincent Tjemkes (Vrije Universiteit Amsterdam), Henri Dekker (Vrije Universiteit Amsterdam)

Using vertical Federated Learning in industrial Supply Chains

Jonas Kallisch (University for Applied Science Emden/Leer), Christoph Wunck (University for Applied Science Emden/Leer)

When Is Genetic Engineering Going Too Far?

Aurore Jose Kamssu (Tennessee State University), Eric Philip (Tennessee State University), Mustafa Alsadeq (Tennessee State University), Ali Nasib Nasib (Tennessee State University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 7

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Technology Management and Analytics

This session provides a glimpse into three diverse yet interconnected research topics. The first study delves into the examination of

physicians' professional ethics by leveraging machine learning and online patient reviews. The second study investigates the relationship between labor unions, information technology, and productivity at an industry level. The last study explores the complexities of competition in the remanufacturing industry under conditions of asymmetric information. By exploring these topics, this research session contributes to a deeper understanding of modern industry dynamics and their implications.

Chair: David Zhang (Lehigh University)

Analyzing Professional Ethics of Physicians Using Online Patient Reviews: A Machine Learning Approach

Kanix Wang (University of Cincinnati), Feng Mai (Stevens Institute of Technology), Zhe (Jay) Shan (Miami University), David Zhang (Lehigh University), Xiaosong (David) Peng (Lehigh University)

Labor unions, IT, and productivity - An Industry-level Analysis

Insung Hwang (Lehigh University), David Zhang (Lehigh University), Douglas Mahony (Lehigh University)

Competition in remanufacturing when information is asymmetric

Yaqin Sun (Lehigh University), Wenjing Shen (Drexel University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M301

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Challenges in Entrepreneurial Product Development: A Practitioner Panel

A panel of Atlanta-based startup founders will share their experiences, challenges, and opportunities. They will share their ideas, the support they have received, what they wish they had known, and questions that they do not have great answers to.

Moderators: Karthik Ramachandran (Georgia Institute of Technology), Shubhobrata Palit (ESADE)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 4

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation and Technology Management and Sustainable Operations

This session consists of four presentations on innovation and technology management and sustainable operations.

Chair: Fan Zou (The Pennsylvania State University)

Telemedicine and Technology Management in Healthcare: Challenges and Strategies for Patient Care

Jiajia Qu (University of Texas Permian Basin)

How Do consumers Choose between Organic Products and Multiple Product Attributes? An Empirical Study of Yogurt Sales

Zhihao Zhang (University of Missouri, Kansas City), Sriram Venkataraman (University of South Carolina), Yan Dong (University of South Carolina), Mark Ferguson (University of South Carolina)

The Impact of Take-Back Legislation on Producer Eco-Innovation: Empirical Evidence from Producers in the United States

YUQI PENG (Salisbury University), Yan Dong (University of South Carolina), Sriram Venkataraman (University of South Carolina), sining song (University of Tennessee Knoxville)

Blockchain Adoption and Greenwashing

Yuze Li (Boston University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A703

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Generative AI for Higher Education

This panel explores the use cases of generative AI in higher education. As universities strive to adapt to the ever-changing technological landscape, AI-powered systems offer innovative solutions. This panel brings together experts to discuss the applications of generative AI in enhancing student learning experiences, facilitating personalized education. Participants will explore the benefits and challenges of integrating generative AI technologies, such as chatbots, virtual tutors, and content generation tools, into educational environments. By addressing ethical considerations and showcasing real-world examples, the panel aims to inspire educators and administrators to harness the power of generative AI for improved outcomes in higher education.

Moderator: Craig Van Slyke (Louisiana Tech University)

Panelists: Hao Lou (Ohio University), Joseph Mansour (University of Louisiana, Monroe)

239

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A706

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Topics on Use of Simulations in the Classrooms

This session includes presentations related to learning OM and SCM with games and simulations.

Chair: Scott R. Swenseth (U of Nebraska)

Integrating Environmental Supply Chain Issues via Simulation

Scott R. Swenseth (U of Nebraska)

Towards Understanding the Transformation of Students' Learning Styles through Audit Simulation: A MENA University Case

Nader Mahmoud Ali Elsayed (Qatar University), Mostafa Hassan (Qatar University)

Big data in accounting: a gaming approach

Jorge Eduardo Scarpin (Concordia College Moorhead)

A Pedagogical Design that Engages and Empowers Statistics Students

Ryan Hanifin (Hawkes Learning)

240

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Methods and Strategies for Evaluating Logistics Operations: Enhancing Efficiency and Effectiveness

Studies examining the efficiency and effectiveness of logistics systems are presented in this session.

Chair: Muhammad Umar Farooq (New Mexico State University)

A Score-based Control Logic For Operation Triple Yard Crane

Dokyung Kim (Korea Aerospace University), Junjae Chae (Korea Aerospace University)

Measuring the Efficiency of U.S. Spaceports: A Bootstrap Data Envelopment Analysis Approach

Muhammad Umar Farooq (New Mexico State University), Faruk Arslan (New Mexico State University), Victor Pimentel (New Mexico State University), Donovan Fuqua (New Mexico State University)

Measuring the Performance of 3PL Firms in South Korea

Seong Jong Joo (Air Force Institute of Technology), Ahnna Ju (Iowa State University), Sunil Hwang (Korea Maritime Institute)

Fusing Multi-source data for Measuring Berth Productivity in Container Terminals

Yifang Ma (Old Dominion University), Ling Li (Old Dominion University)

241

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M303

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Empirical and Data-Driven Research in Manufacturing Management

This session includes various data-driven and empirical research related to manufacturing management.

Chair: Tania Saha (SPJIMR Mumbai)

Give Me a Choice! A Field Experiment on Autonomy in a Cyber-Physical Production System

Daniel Kwasnitschka (ETH Zürich), Henrik Franke (University of Cologne), Torbjørn Netland (ETH Zürich)

A Manufacturer's Pricing Choice with Retail and Rental Platforms

Tania Saha (SPJIMR Mumbai)

242

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M302

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Flowshop and Assembly System Management

This session includes topics on scheduling in flow shops and converting assembly lines to the Seru production system.

Chair: Nallan Suresh (University at Buffalo)

Performance Impacts of Converting Assembly Lines to Seru Production

Nallan Suresh (University at Buffalo)

Scheduling on a flexible flowshop with Q-time property

sangoh shim (Hanbat National University)

243

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M304

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Recent Trends in Retailing

This session focuses on recent trends in retailing.

Chair: Vafa Saboori-Deilami (Dominican University of California)

Consumer Sentiments Regarding Curbside Pickup and Home Delivery Channels for Online Grocery Shopping During the Covid-19 Pandemic

Roshani Bharati (New Jersey Institute of Technology), Jorge Fresneda Fernandez (New Jersey Institute of Technology)

Leveraging Supply Chain Disruptions: Strategies for Enhancing Firm Performance Amidst Global Challenges
Chang Seob Yeo (Dominican University of California), Vafa Saboori-Deilami (Dominican University of California)

244

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | M102

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Innovations in Business and Technology: Transforming Industries

Explore cutting-edge advancements and transformative solutions in the business and technology landscape through a series of captivating presentations.

Chair: Ziping Wang (Morgan State University)

A Framework for Supplier Selection Utilizing Artificial Intelligence

Qiannong (Chan) Gu (Ball State University), Henry Han (Baylor University)

EDI Utilization in Pharmacy Revenue Cycle and the Prioritization of Exploitation over Exploration

Derek Dubois (The University of Rhode Island), Mehmet Gokhan Yalcin (The University of Rhode Island College of Business)

Integrated and Equitable Same Day Delivery in Rural Area with Drones

Ziping Wang (Morgan State University)

Option Pricing Simplified

Nilanjana Chakraborty (Free Lancer), Mohammed M ELGAMMAL (Center for Entrepreneurship & Organizational Excellence College of Business & Economics, Qatar University)

245

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon C

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Power Dynamics and Leadership

This session will discuss power dynamics and the role of leadership in the modern workplace.

Chair: C. Christopher Lee (Central Connecticut State University)

Leadership Style and Intrinsic Work Motivation of Gen Z Employees

C. Christopher Lee (Central Connecticut State University), Hyoun Sook Lim (Central Connecticut State University), Decorti R. Rodgers-Tonge (Central Connecticut State University), Joseph Ocampo (Central Connecticut State University), Vanda Marques (Central Connecticut State University)

Understanding the influence of duty orientation on organizational ethical climate, employee burnout through mechanisms of ethical leadership and moral identity

SAHA IQBAL HOSSAIN (TEXAS A&M INTERNATIONAL UNIVERSITY)

The influence of power dynamics on construal levels in language

Joy Younsoo Kim (Columbia University in the City of New York)

The influence of power dynamics on e-mail communication

Joy Younsoo Kim (Columbia University in the City of New York)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 8

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Procurement Analytics

Supply management research with an analytical focus.

Chairs: Alan Pritchard (Texas Tech University), WC Benton (The Ohio State University)

Stockout-based Demand Substitution and Product Returns

Sangjoon Lee (Yonsei University), Hojung Shin (Korea University), WC Benton (The Ohio State University)

Synchronizing Component Deliveries for Automotive Assembly using Progress Updates Amid Supply Delays

Toyin Clotthey (Wayne State University), WC Benton (The Ohio State University)

Supplier Selections and the Minimum Purchase Obligation Decisions for Product Components amidst Potential Disruptions and Contractual Obligations

Xiangling Hu (Grand Valley State University), Ping Su (Hofstra University)

247

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A707

Atlanta Marriott Marquis

STRATEGIC MANAGEMENT: Mergers & Acquisition, Market Positions, Market Exit

The papers in this session discuss M&A, Market Positioning, and Market Exit decisions.

Chair: Adrian Chen Yang Tan (Penn State University)

The influence of reorganization experiences on integration decisions in M&A: A study of Japanese public firms.

Fumiaki Nakamura (Kindai university)

Operational Defensive Strategies and Market Exit

Ata Karbasi (Valparaiso University), Sina Aghaie (Wichita State University), Kang Hsu (Georgia Southern University)

The Power of Success: How High-Performing Organizations Navigate Major Transformations Without Sacrificing Credibility

Majid Majzoubi (York University)

248

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Digital Supply Chains

This session explores topics in digital supply chain practices.

Chair: Abhishek Roy (Temple University)

All that glitters is not gold. An empirical analysis on digital divide in Supply Chain Management

Albachiara Boffelli (University of Bergamo), Jacopo Colombo (University of Bergamo), Matteo Kalchschmidt (University of Bergamo)

Digital Transformation in Supply Chains: Impacts on Organizations, People, and Societies

Anshuman Khare (*Athabasca University Faculty of Business*), Abubaker Haddud (*The University of Southern Mississippi*)

Distribution Contracts for Digital Content Supply Chains in the Presence of Piracy

Prasenjit Mandal (*NEOMA Business School*), Abhishek Roy (*Temple University*)

Examining the Relationship Between Digitalization and Operational Efficiency: A moderated mediation analysis

Peter Darko (*Kwame Nkrumah University of Science and Technology*), Francis Kofi Andoh-Baidoo (*University of Texas Rio Grande Valley*), David Asamoah (*Kwame Nkrumah University of Science and Technology*), Kwame Owusu Kwateng (*Kwame Nkrumah University of Science and Technology*), John Serbe Marfo (*Kwame Nkrumah University of Science and Technology, Kumasi*)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A704

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Illicit Supply Networks

Often limitedly classified as networks which are illicit throughout (e.g., wildlife or drug trafficking), illicit activity within supply chains can also persist on an individual level (e.g., organizational misconduct and corruption). In either form, illicit activity throughout supply networks is geographically pervasive across industries and contexts, yielding detrimental environmental, social, and financial implications. There is ample opportunity to substantially contribute to this research stream, both empirically and practically. Acknowledging the dearth of research in the realm of illicit trade, this session is intended to foster a platform for conversation on current and emerging studies.

Chair: Rowan Hilend (*Michigan State University*)

Guilt and Shame: Consumer Responses in the Presence of Wildlife Trafficking

Rowan Hilend (*Michigan State University*), Simone Peinkofer (*Michigan State University*), Stanley Griffis (*Michigan State University*)

Factor Market Rivalry and the Persistence of Forced Labor in supply chains

Joshua Schumm (*Iowa State University*)

Automating Due Diligence for Social Responsibility

Shawn Bhimani (*Northeastern University*)

Do varying degrees of intellectual property right protection hinder technology adoption by multinational companies in cooperative and competitive supply networks?

Fangling Zhu (*Old Dominion University*)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A702

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Towards Sustainable & Resilient Operations

Organizations are expected to contribute to a more sustainable future while improving operational efficiency and reducing costs. It is important to continuously assess and refine sustainability efforts from operations research to adapt to evolving environmental and social challenges.

Chair: Hongli Ye (*Clemson University*)

Unveiling the Link: Social Scrutiny, Supply Chain Social Strategies, and Firm Environmental Performance

Jeff Shockley (Virginia Commonwealth University), Xiaojin Liu (Virginia Commonwealth University), Jeff Smith (Virginia Commonwealth University), Jayanth Jayaram (University of Oklahoma)

Improving E-retailer Order Fulfillment Processes: Packing Boxes Better To Reduce Shipping Costs

Qilong Zhu (Texas A&M University), Gregory Heim (Texas A&M University), Yunxia Zhu (University of Nebraska-Lincoln), Chelliah Sriskandarajah (Mays Business School, Texas A&M University)

Enhancing Resilience in High Customer Contact Services: A Case Study of Restaurants in the Post-COVID Era

Hongli Ye (Clemson University), Aleda Roth (Clemson University)

The Degree of Similarity in Environmental Sustainability between Suppliers and Buyers: Is it Good for Suppliers?

Kwanheui Cheon (the University of Texas Rio Grande Valley), Hale Kaynak (The University of Texas Rio Grande Valley), Amelia Carr (Bowling Green State University)

251

Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: ESG in Supply Chain Management

This session focuses on three main areas. Firstly, it investigates the interplay between cross-tier environmental efficiencies, with a specific emphasis on the role of organizational alignment across the tiers of the supply network. Secondly, it revisits power-dependence relations from a sustainability perspective to enhance our understanding of how mutual dependence actually impacts the performance of upstream partners in sustainable actions, particularly in decentralized supply chains. Lastly, it examines the impact of electronic commerce adoption on manufacturing firms' labor productivity, as well as selling, general, and administrative expenses (SG&A), utilizing a multimethod design.

Chair: Jason Shin (Mississippi State University)

Consequences of Manufacturing Industries Adopting Electronic Commerce

Jason Shin (Mississippi State University)

Concurrent Design of Platform-Based Assembly Plans and Robust Supply Chain Configurations for Product Families

Yooneun Lee (University of Dayton), Jaewook Yoo (Dong-A University), Gül E. Kremer (University of Dayton)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon B

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: The Role of Supply Network Structures in Mitigating Risk and Ensuring Sustainability

Research in this session investigates the importance of structural characteristics of supply networks for ensuring resilient and sustainable supply chains.

Chair: Robert Wiedmer (Arizona State University)

How firms organize to resources new life? Structure and functioning of a circular agri-food network.

Jury Gualandris (Ivey Business School), Sourabh Jain (Ivey Business School)

A Review of Supply Network Evolution: Social Networks and Complex Adaptive Systems Perspectives

Junwoo Cha (University of Tennessee)

Interdependencies Within and Across Supply Chain Networks and Firm Resilience

Robert Wiedmer (Arizona State University), Carlos Mena (Portland State University), Mikaella Polyviou (Arizona State University), Zac Rogers (Colorado State University), Sangho Chae (Tilburg University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Environmental Investments and Operational Performance

This session explores different types of environmental investments and their impact on operational aspects of firms.

Chair: Arda Yenipazarli (Georgia Southern University)

Key Factors For Green Product Line Extensions

Monire Jalili (Bentley University), Tolga Aydinliyim (Baruch College), Nagesh Murthy (University of Oregon)

When does investment in green process innovation pay in low-resource contexts?

Listowel Owusu Appiah (Center for Applied Research and Innovation- Africa, Kwame Nkrumah University of Science and Technology), Dominic Essuman (The University of Sheffield), Nathaniel Boso (Gordon Institute of Business Science, University of Pretoria, South Africa; Department of Marketing and Corporate Strategy, KNUST School of Business, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana), Benjamin Cosmos Osei (Department of Supply Chain and Information Systems, KNUST School of Business, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.)

Operational and Supply Chain Efficiency with Sustainability Practices

Yabing Zhao (San Francisco State University), Zhuang Qian (The Pennsylvania State University Scranton Campus)

A Study of the Mechanism of the Role of Voluntary Environmental Regulation on Firms' Innovation Performance

Mingxue Shang (Tongji University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | International Salon 5

Atlanta Marriott Marquis

WORKSHOP: Interactive OM Games to Break Up Lecture Time

In this age of "classroom engagement," instructors are searching for in-class activities that can break up a long lecture while not necessarily using up the entire class period. This workshop will illustrate several Excel-based in-class activities that can last from 10-25 minutes and potentially engage all students in the classroom. Examples will include the Distribution Game, the Automated Beer Game, the Newsvendor Game, the Reliability Game, and the Dice Game. Associated Excel files will be made available to attendees.

Workshop Coordinator: Chuck Munson (Washington State University)

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Sunday, Nov 19th, 2023, 2:50-4:20 p.m. | A708

Atlanta Marriott Marquis

WORKSHOP: Online Supply Chain Management Games and Simulations

Many supply chain management topics are hard to lecture but easy to play out. Games and simulations can significantly increase students' interests and improve learning outcomes while reduce instructors' workload. In this workshop, I will demonstrate a few effectiveness-proved games such as the Hunger Chain simulation (hunger game) and FloraPark simulation (flower game) to teach important and timely topics in supply chain management such as the newsboy model, shortage gaming, supply chain competition,

supply chain contracts and coordination.

Workshop Coordinator: Yao Zhao (Rutgers University)

Sunday, Nov 19th, 2023, 4:00-5:00 p.m.

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Sunday, Nov 19th, 2023, 4:00-5:00 p.m. | A601

Atlanta Marriott Marquis

RECEPTION: DSI Journals Reception

DSI journal awards and recognitions offered.

Host: **Xenophon Koufferos**, Texas A&M University

Sri Talluri, Michigan State University

Susan Palocsay, James Madison University

Sunday, Nov 19th, 2023, 4:30-6:00 p.m.

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M103

Atlanta Marriott Marquis

ACCOUNTING: Earnings Management & Predictive Content

This session explores the intricate connections between accounting earnings management and various critical factors such as supply chain dynamics, capital management strategies, and governance. Through meticulous analysis, the research aims to uncover the complex interplay between these elements, shedding light on how they impact and influence each other within business operations. Additionally, the session addresses the predictive power of accounting earnings growth concerning Gross Domestic Product (GDP) by investigating the potential predictive relationship between these two crucial metrics.

Chair: Ahmad H. Jumah (University of Illinois Springfield)

Earnings management, capital management, and corporate governance – The case of listed banks in the United States.

Ikechukwu Ndu (University of Southern Maine), Anoruo Emmanuel (Coppin State University), Chiaku Chukwuogor (Eastern Connecticut State University)

How can supply chain relationships affect earnings manipulation?

SHIH-SIAN JHANG (National Sun Yat-sen University), Winston T. Lin (The State University of New York, University at Buffalo)

Accounting Earnings' Predictive Power over Future GDP Growth: a Comparative Study of U.S. GAAP and IFRS

Meng Huang (University of Toledo), Chao Wen (Ohio Northern university)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A705

Atlanta Marriott Marquis

AWARD: DSI Chapter Best Paper Presentation Award II

This competition identifies and recognizes outstanding papers submitted at a DSI Regional Conference during 2023. Each paper meets the following criteria: (1) The paper was submitted for and won a Best Paper Award at a 2023 DSI chapter annual conference, (2) The best paper has not been accepted for publication at the time of its selection for the DSI Annual Conference, and (3) Finalists must register for and attend the 2023 Annual Conference of the Decision Sciences Institute in order to be eligible to win.

Chair: Pedro Martinez Reyes (Baylor University)

Effectiveness of firm-Level Sustainability Policies: a Systematic Literature Review

Nunzia Zecchillo (Free University of Bozen-Bolzano), Margherita Molinaro (Free University of Bozen-Bolzano), Guido Orzes (Free University of Bozen-Bolzano)

A theoretical framework for Strategic Cognitive Analytics Management and Supply Chain Cognitive Capabilities

Mehrdad Jalali Sepehr (University of Toledo), Benjamin T George (University of Toledo), Paul Hong (University of Toledo)

Strategies For the Redefinition of Postal Collection and Delivery Services in Urban Areas

Giuseppe Bruno (University of Naples), Antonio Diglio (University of Naples), Carmela Piccolo (University of Naples), Eduardo Pipicelli (University of Naples)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M109

Atlanta Marriott Marquis

BOARD MEETING: Qatar DSI Board Meeting

A meeting of the members of the QDSI Board of Directors.

Members: Khaled Alshare (Qatar University), Nouredine Benlagha (University of Qatar), Vivian Landrum (Decision Sciences Institute)

Chair: Khalid Al-Abdulqader, Qatar University

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M108

Atlanta Marriott Marquis

BOARD MEETING: Southeast DSI Board Meeting

A meeting of the members of the SEDSI Board of Directors.

Members: Ping Wang (James Madison University), Cheryl Aasheim (University of Florida), Elena Olson (Virginia Commonwealth University), Sara Kiser (Alabama State University), Thomas G. Groleau (University of Kentucky), Vivian Landrum (Decision Sciences Institute)

Chair: Binshan Lin, Louisiana State University Shreveport

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Optimization Applications in Business Analytics

This session includes talks on the statistical and optimization applications in general decision-making and variable selection problems in business analytics.

Chair: Basiru Usman (North Carolina State University)

A Mathematical Model for Senior Care Supply Chains Optimized by a Hybrid Metaheuristic-Machine Learning Algorithm

Moein Qaisari Hasan Abadi (Department of Industrial Engineering, K. N. Toosi University of Technology, P.O. Box: 15875-4416, Tehran, Iran), Russell Sadeghi (Department of Industrial Engineering, University of Science and Technology of Mazandaran, Behshahr, Iran.)

An Efficiency-Driven Data Clustering Method for Evaluating Decision-Making Units in the Big Data Context

Jae-Dong Hong (South Carolina State University)

Heuristic Approach of Optimizing Chemotherapy scheduling

Basiru Usman (North Carolina State University)

Analytics for Disaster Management

Sue Abdinnour (Wichita State University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: An Indepth Look at Python Programming Instruction Issues

The session consists of two primary components. The first addresses instruction for a core required Python Course with an open project and high impact practices at scale delivered in-person and online. The second reports on comparing code generated by students and ChatGPT for introductory Python homework assignments to investigate both grade performance and the likelihood of an instructor's ability to detect code generated by artificial intelligence (AI) tools and concludes with recommendations for how instructors of programming courses can mitigate student use of tools like ChatGPT.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Dominic Thomas (Kennesaw State University), Mike Ellis (University of Central Arkansas), K. Mike Casey (University of Central Arkansas), Geoffrey Hill (University of Central Arkansas)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M102

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Gender-Based Differences in Operational Decision-Making

This session includes three presentations that examine the role of women as decision-makers in supply chains and online labor platforms.

Chair: Dwaipayan Roy (University of Virginia Darden Graduate School of Business)

Unlocking the Secret to Why Women Are an Advantage in Supply Chain Collaboration

Siqi Ma (The University of Akron College of Business), John Aloysius (Sam M Walton College of Business University of Arkansas)

Breaking the Invisible Cage: Investigating the Gender Wage Gap in Gender-Blind Online Platforms

Li Ding (Georgia Institute of Technology), Basak Kalkanaci (Georgia Tech)

Procurement of Reproductive Health Commodities in LMICs: The Impact of Female Decision-Makers

Amir Karimi (Alvarez College of Business, University of Texas at San Antonio), Dwaipayan Roy (University of Virginia Darden Graduate School of Business)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M302

Atlanta Marriott Marquis

DOCTORAL RESEARCH SHOWCASE: Award Showcase Session

Live competition of finalists of the Doctoral Research Showcase Award Competition. Winners to be announced at the Awards Luncheon.

Chairs: James Abbey (Texas A&M University), Tolga Aydinliyim (Baruch College)

Carbon neutral announcements and shareholder wealth: the role of carbon abatement strategies and operational capabilities

Gabriele Mauro (Universite Libre de Bruxelles), Jury Gualandris (Ivey Business School), Evelyne Vanpoucke (Solvay Business School)

Probabilistic Price Promotions Without Obligations

Yongqin Lei (Ivey Business School, Western University), Fredrik Odegaard (Ivey Business School, Western University)

Redundancy to Build Resilience in Food Bank Operations

Yingru Han (University of South Carolina), Luv Sharma (University of South Carolina), Pelin Pekgun (University of South Carolina), Olga Perdikaki (University of South Carolina)

265

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M107

Atlanta Marriott Marquis

GIG ECONOMY and SOCIAL MEDIA RESEARCH: Innovations in Marketing Strategies and Consumer Behavior in the Digital Age

This session delves into the dynamic landscape of modern marketing strategies and evolving consumer attitudes in the digital realm. It uncovers innovative approaches from brand isomorphism's impact on social media marketing to ride-hailing platforms' profit dynamics, consumer sentiments surrounding sustainability in the fashion industry, and e-commerce integration on social media. Join us for a concise exploration of cutting-edge trends driving marketing and consumer behavior.

Chair: Shubham Gupta (New Jersey Institute of Technology)

Advertising Pricing: the impact of the Integration of E-commerce on social media platforms

Jiayu Fan (Temple University), Subodha Kumar (Temple University)

Can Multiple Offers Achieve Higher Profits? Ride-Hailing Platform

Amir Zamani (Operations and Supply Chain Management PhD student), Subodha Kumar (Temple University)

Consumer Attitudes Toward Sustainability in the Fashion Industry

Masoumeh Shahsavari (Temple University), Liangfe Qiu (University of Florida), Subodha Kumar (Temple University)

Using Machine Learning to Improve Strategic Decision Making for Social Media Marketing in the Presence of a Competitor

Shubham Gupta (New Jersey Institute of Technology), Subodha Kumar (Temple University)

266

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Machine Learning in Healthcare

Machine Learning in Healthcare

Chair: Dinesh K Sharma (University of Maryland Eastern Shore)

Balancing the Scale and the Accuracy of a Risk Index: An Enhanced Automatic Risk Score Generator for Health Condition Prediction

Yajun Lu (Jacksonville State University), Thanh Duong (University of South Florida), Thanh Thieu (Moffitt Cancer Center), Zhuqi Miao (SUNY at New Paltz), Dursun Delen (Oklahoma State University)

Classification Model Development for Factor Pathway Leading to Online Health Intention Behavior

Edwin Wang (University of Massachusetts Boston), Adeela Gulzari (University of North Texas), Victor Prybutok (University of North Texas), Gayle Prybutok (University of North Texas)

Heart Disease Prediction Using Feature Selection and Classification Models

Dinesh K Sharma (University of Maryland Eastern Shore), Tarun Dhar Diwan (Atal Bihari Vajpayee University), Ajay Tiwari (Atal Bihari Vajpayee University)

Harnessing the Power of Machine Learning to Promote Health Equity: A Systematic Review of Applications in Healthcare

LeAnn Boyce (UNT), Abdalmajeed Saleh (UNT), Claudia Calderas (UNT)

267

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon C

Atlanta Marriott Marquis

HUMANITARIAN OPERATIONS and DISASTER MANAGEMENT: Strategies for Effective Disaster Response

This session is a strategic exploration of disaster response strategies for humanitarian operations. Attendees will delve into a spectrum of strategies tailored to effectively address diverse emergencies, such as intricacies of rapid deployment, resource management, and coordination among various stakeholders. Participants will gain valuable insights into adaptable frameworks, innovative technologies, and community engagement models that underpin successful disaster responses.

Chair: Mithu Bhattacharya (University of Detroit Mercy)

Reserving Flexible Capacity: Subsidy Strategy

Hui Yang (Nanjing University of Science & Technology), Jing Chen (Faculty of Management, Dalhousie University), Bintong Chen (Lerner Business & Economics, University of Delaware)

Role of Enterprise Systems in Organizational Transparency for Emergency Services

Thiagarajan Ramakrishnan (Prairie View A&M University), Mithu Bhattacharya (University of Detroit Mercy), Samuel Fosso Wamba (TBS Business School)

The Structure of Humanitarian Operations Guidelines and Standards in Japan

Minh Hue Nguyen (University of Economics Ho Chi Minh City), Yoshiki Matsui (The Open University of Japan)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 6

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Exploring Generative AI

This section attempts to unlock opportunities and navigate Challenges in Generative AI and ChatGPT Adoption.

Chair: Oteng Ntsweng (National University of Singapore)

A Framework for Effective AI Management: The Case of Generative AI

C. Derrick Huang (Florida Atlantic University), Ravi S Behara (Florida Atlantic University)

ChatGPT – a disruptive technology to critical thinking?

Jie Zhang (Midwestern State University), Han Li (The University of New Mexico)

ChatGPT in Business Education: A global case of usage behavior

Marwah Halwani (King AbdulAziz University), Yolanda Obaze (University of Evansville)

Insights into Generative AI Adoption: Examining the Driving Factors in LLMs and AI Image Generators

Alsius David (SUNY Oneonta), Anh Ta (University of Nebraska Omaha), Quynh N Nguyen (Stockton University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 4

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Managing Technological Innovation

This session has four presentations on how firms can better manage technological innovation.

Chair: Senali Amarasuriya (Middle Tennessee State University)

How Does Transparency Impact Technological Novelty? Evidence From Large Pharmaceutical Firms

Hanu Tyagi (University of Minnesota), Manuel Herмосilla (Johns Hopkins University), Rachna Shah (University of Minnesota)

Should All Firms Innovate? A Study on Firm Innovation and Firm Performance

Senali Amarasuriya (Middle Tennessee State University), Gerard Burke (Georgia Southern University)

An empirical examination of Artificial Intelligence Technology Adoption Model using TOE Framework

Amarpreet Kohli (University of Southern Maine), Nihar Nitin Kumthekar (University of Southern Maine), Piyush Shah (Florida Gulf Coast University)

Matching function and structure of production processes: the evidence from Japanese machine tool industry

Sungwoo Byun (Toyo University), Junichi Tomita (TOYO University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A702

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Topics on New Product Development

This session has four presentations on new product development strategies.

Chair: Abhishek Roy (Temple University)

Collaborative New Product Development: Co-creating with a Shared Supplier in the Presence of a Competitor

Abhishek Roy (Temple University)

Contest Design in Product Development: the Role of Moral Hazard and Adverse Selection

Binghan Kou (Arizona State University), Yimin Yu (City University of Hong Kong), Xiaoxiao Li (City University of Hong Kong)

How Does The Firm's Resource Allocation Decision Across R&D and Absorptive Capacity Investments Impact

NPD Success? A Systems Dynamic Approach

Akram Khattab (*The University of Toledo*)

271

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A707

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: How Educators Can Support Student Wellbeing Via Innovative Pedagogy and Flexibility

In this panel, the Georgia Tech Senior Associate Dean, Georgia Tech faculty, faculty from other colleges, and Georgia Tech MBA student will participate in a discussion about practices educators can utilize to support student wellbeing. Panelists will discuss the significant factors in course structure that have had positive impacts on student wellbeing in their experiences. The panel is made up of individuals from diverse backgrounds and roles to provide enlightening insights from a variety of viewpoints. This diverse, engaging panel discussion will enable the audience to better understand how to structure courses to support our students' wellbeing in future courses.

Moderators: Tatiana Rudchenko (Georgia Institute of Technology), Vincent Spezzo (Georgia Institute of Technology)

Panelists: Soumen Ghosh (Georgia institute of Technology), Manpreet Hora (Georgia Tech), Hulya Julie Yazici (Florida Gulf Coast University), Maxim Bushuev (Morgan State University), Jay Brown (Loyola University Maryland), John Ollmann (Georgia institute of Technology)

272

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A703

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Innovations for Experiential Learning in the Classroom

This session includes presentations that discuss innovative tools and methods for experiential learning in the classroom.

Chair: Beate Klingenberg (FOM Hochschule für Oekonomie & Management)

Teaching Profound Management Lessons Using the Expanded Funnel Experiment

Brian Hwang (*National University of Singapore*)

Integrating IoT for Experiential Learning in Information Systems Education

Patrick Paulson (*Winona State University*), Zhezhu Wen (*California State University, Fresno*)

Innovative teaching: a case study on teaching sustainable supply chain management and a sustainability mindset

Beate Klingenberg (*FOM Hochschule für Oekonomie & Management*), Albachiara Boffelli (*University of Bergamo*)

273

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 5

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Economic Dynamics and Analytics in the technology market

This session explores the multifaceted world of economics and data analytics. Get insights into the blend of macroeconomic trends, financial and supply chain optimization, and consumer sentiment in the technology market.

Chair: Yixiu Yu (Ball State University)

Empirically Grounded Analytics for Commodity Markets

Panos Kouvelis (Olin Business School, Washington University in St. Louis), Ye Liu (Olin Business School, Washington University in St. Louis), Danko Turcic (A. Gary Anderson Graduate School of Management, University of California, Riverside)

Optimal Financial Payment Arrangements in a Two-Stage Supply Chain

Chieh Lee (National Sun Yat-sen University), Jatinder Gupta (University of Alabama Huntsville)

274

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A706

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: The economics of firms' operations

This session focuses on varied subjects targeting the firms' operations and how they impact their economics. The session deals with economic integration, gender diversity and workplace safety, corporate innovation and firms' competitive behaviors.

Chair: Rajat Mishra (Stephen F Austin State University)

Board Gender Diversity and Workplace Safety: Evidence from Quasi-Natural Experiments

SAHA IQBAL HOSSAIN (TEXAS A&M INTERNATIONAL UNIVERSITY), Md Ismail Haidar (University of Texas Rio Grande Valley)

Mechanisms and Empirical Study on the Influence of Corporate Welfare and Firm Size on Corporate Innovation Motivation

Mingxue Shang (Tongji University)

The Role of Industry Concentration on the Firms' Competitive Behaviors

Rajat Mishra (Stephen F Austin State University), Randy Napier (University of Texas at Arlington)

Investigating the Impact of Digitalization and Economic Diversification on Economic Growth in Saudi Arabia

Mohamed neffati (economy), Rafik JBIR (College of Islamic Economics and Finance (CIEF), Umm Al-Qura University and ESSEC, University of Tunis.)

275

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M301

Atlanta Marriott Marquis

QUALITY MANAGEMENT and LEAN OPERATIONS: Lean Management and Process Control

This session includes talks on lean management and statistical process control research.

Chair: Fatma Pakdil (Eastern Connecticut State U)

Are the lean maturity models matured? A criteria-based evaluation

Padmaka Mirihagalla (Széchenyi István University), Gyula Vastag (Szechenyi University)

Estimating Outgoing Quality and Inspection Errors Under Multiple Screening Procedures

Young H Chun (Louisiana State University)

The Critical Success Factors and Barriers of Lean in Small and Medium-Sized Enterprises: A Systematic Literature Review

Kubra Gurtas (Middle East Technical University), Arsev Umur Aydinoglu (Middle East Technical University), Fatma Pakdil (Eastern Connecticut State U)

276

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M106

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Regulation and Perceptions

This session deals with the impact of regulations and consumer perceptions in the service industry.

Chair: Rahul Nilakantan (Georgia Southern University)

A Moderated Mediation Approach to Assess Service Recovery Post-Complaints in the Airlines Industry

Md Golam Rabbani (University of North Texas)

Analyzing the Role of Consumers' Pre-consumption and Post-consumption Perception in Writing Online Product Reviews

Yiru Wang (State University of New York at Oswego), Qngyun Zhu (San Diego State University), Xun Xu (California State University, Dominguez Hills), Yanji Duan (University of North Florida)

Cannabis Supply Chain Regulatory Compliance: Enforcement & Violations

Rahul Nilakantan (Georgia Southern University), Alan Mackelprang (Georgia Southern University), Deepak Iyengar (Georgia Southern University)

277

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Digital Technology and Supply Chain Management

In this session, our authors delve into the transformative effects of digital technology on supply chain management. They focus on crucial elements such as the adoption of blockchain, technology-fueled collaborations with last-mile delivery platforms, and the utilization of information technology in retail. Attendees will gain an understanding of the subject matter and valuable knowledge that can be applied to their own supply chain processes.

Chair: Kevin Park (University of Dayton)

The impact of "Shop & Scan" technology on buyer behavior

Brett Wang (University of Maryland, College Park)

Resilience Reinforced: Navigating the Digital Divide through Food Retailer-Delivery Platform Partnerships during Extreme Weather Events

Xiaodan Pan (Concordia University)

Blockchain information for remanufactured goods: Does traceability improve customer acceptance?

Hubert Pun (Western University), Dina Ribbink (Oregon State University), Rohan D'Lima (Oregon State University)

Delivery platform partnerships and restaurant profitability

Kevin Park (University of Dayton)

278

Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A704

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Innovative Applications in Supply Chain Management

This session explores innovative applications in supply chain management.

Chair: Abhijeet Kumar (University of North Texas)

Evaluating the Efficacy of Privacy Enhancing Technologies for Drone Operations

Abhijeet Kumar (University of North Texas), M A Shariful Amin (Tarleton State University)

Discretion in Automated Supermarket Replenishment: Censorship Bias and Self-inflicted Stockouts

Bengu Nur Ozdemir (IE Business School), Antti Tenhiälä (IE Business School)

Examining the Effect of Visualization Proxemics on Decision Making using Touchscreen Dashboards

Anjana Arunkumar (Arizona State University), Arun Madapusi (Northeastern State University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 9

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Research Opportunities in Digital Supply Chains and Digital Business Ecosystems

This panel presents the technologies and systems that have combined to enable the digitalization of supply chains and create digital business ecosystems including smart factories and warehouses, smart logistics, cloud-based systems, digital platforms, and the computational engines powered by Analytics, Data Science and Artificial Intelligence. We also note emerging technologies such as Blockchain, Digital Twins, Internet of Things, 5G, Edge, and Fog computing that are likely to have a strong impact on future supply chains. We describe an evolving spectrum in current practice from digitally immature to digitally transformed supply chains and business ecosystems (MacCarthy & Ivanov, 2022; Baumann, 2022).

Moderator: Sabine Baumann (Berlin School of Economics and Law)

Panelist: Sabine Baumann (Berlin School of Economics and Law)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Game Theory in Supply Chain Risk Management

Game theory in supply chain risk management involves the application of strategic decision-making principles to analyze risks within the supply chain network. It recognizes that supply chains involve multiple stakeholders, each with their own objectives and strategies, and that their decisions and interactions can have a significant impact on overall supply chain performance and risk. Game theory helps model and understand the behavior of various participants, such as suppliers, manufacturers, distributors, and customers, as they navigate risks and uncertainties. It considers that these participants may have conflicting goals, limited information, and interdependencies that can affect their decisions and outcomes.

Chair: Ryan Choi (Eastern Michigan University)

Impact of Supply Risk Sharing on Supply Chains: Multiplicative vs. Additive Risks

Junhyun Bae (Oakland University)

Impact of Sustainability-Sensitive Demand on a Supply Chain with Fairness Concern

Seayoung Samantha Park (Chung-Ang University), Yong Won Seo (Chung-Ang University)

Perversely-Incentivized Social Innovation: A Pass-Through Model of Financial Incentives for Social Enterprises

Ryan Choi (Eastern Michigan University), Sang-Joon Kim (Ewha Womans University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 7

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Managing Risk

This panel aims to explore the intricate dynamics between risk factors and the capacity for resilience in the face of unprecedented challenges. This interdisciplinary forum will investigate the multifaceted nature of risks. By delving into innovative approaches, such as adaptive strategies, technological advancements, and policy frameworks, the panel seeks to identify effective methods to enhance resilience across various domains. The outcomes of this research endeavor will inform policymakers, organizations, and communities on building robust systems that can withstand and adapt to a rapidly changing world.

Chair: Richard Leland Kraude (University at Buffalo)

Impact of ESG policy on service industry

seungkwon joo (Chungang university), Seung Jun Lee (Chung-Ang University)

Risk at the extreme

Richard Leland Kraude (University at Buffalo)

Managing the Risk of IT Staff Non-compliance with Information Security Policies

Arman Falahati (University at Buffalo)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Empirical Research in Sustainable Production and Operations Management

This session includes research presentations that examine a broad range of issues related to sustainable production and operations management.

Chair: Jie Lian (University of South Carolina)

Seeing is Believing: Sustainable Consumption, Production, and Firm Sale

Feng Cheng (Towson University)

The Role of Engineering Changes on Plant Productivity and Product Quality Performance

Sriram Narayanan (Michigan State University), Bilal Gokpinar (University College London), Bhavjot Singh (Michigan State University)

Environmental Disclosure in Supply Chains

Jie Lian (University of South Carolina), sining song (University of Tennessee Knoxville), Ximin (Natalie) Huang (University of Minnesota), Yan Dong (University of South Carolina)

Supply Chain Operations Planning with Carbon Emission Consideration

Ibrahim Capar (Bowling Green State University), Chris Rump (Bowling Green State University), Zubair Mohamed (Bowling Green State University), William Sawaya (Bowling Green State University), Jessica Mysyk (Bowling Green State University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Sustainable and Socially Responsible Operations

The session deals with supplier diversity and how it can help minor businesses, the effects of a tax-free bicycle fringe on commuting habits, innovation through CSR and the relation of forced labor practices in lower-tier firms to social sustainability and operational performance across the supply chain.

Chair: Ashok Vairavan (Georgia State University)

How Supplier Diversity and Enabled Minority Businesses Create Stakeholder Value in Underserved Communities

Ashok Vairavan (Georgia State University), Peter Zhang (Georgia State University)

Innovating toward CSR: Creating Value by Empowering Employees, Customers and Stockholders

Stephen K. Callaway (The University of Toledo), Narges Mashhadi Nejad (The University of Toledo)

Pedaling towards sustainable commuting

Misa Bakajic (Aalto University), Markku Kuula (Aalto University), Niklas Juuranto (Aalto University)

The Relation of Forced Labor Practices in Upstream Suppliers to Social Sustainability and Operational Performance: Taking a Closer Look

Christian Brian Bautista (The University of Texas Rio Grande Valley), Hale Kaynak (The University of Texas Rio Grande Valley)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | International Salon 8

Atlanta Marriott Marquis

WORKSHOP: Eight Ways to Make Your Operations Management Course More Exciting

This interactive tutorial session features leading Operations Management text authors with 110 years of combined classroom experience. They will discuss teaching techniques including integrating videos, data analytics, blogs, podcasts, classroom exercises, guest speakers, tours, and software to present a more real-world course for students. Attendees will be invited to share and discuss their own approaches.

Workshop Coordinators: Barry Render (Rollins College), Jay Heizer (Texas Lutheran University), Chuck Munson (Washington State University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | A708

Atlanta Marriott Marquis

WORKSHOP: Supply Chain Analytics – Transform Data Into Insights

Analytics is all about transforming data into insights. One of the key challenges in analytics is data interpretation: seeing the same data, people may have different interpretations. The question is, do we really understand the data? In this talk, I will showcase how to interpret data and transform data into meaningful business insights that are sophisticated and also have significant financial / economic impact, in various areas of supply chain management.

Workshop Coordinator: Yao Zhao (Rutgers University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M105

Atlanta Marriott Marquis

WORKSHOP: Teaching Supply Chain and Blockchain

This workshop aims to equip participants with the knowledge to navigate the emerging landscape of blockchain technology in supply chain management and understand its real-world utilization and paths to adoption. You will gain insights into key topics such as the philosophy of decentralization, the blockchain framework, tokenization, traceability, sustainable procurement and reporting, and the intersection of AI and blockchain in supply chain management.

Workshop Coordinators: Nikhil Varma (Ramapo College), Chirag Surti (Rider University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M304

Atlanta Marriott Marquis

WORKSHOP: Using LMS to Create Learner-Centered Course Materials and Assessments

This interactive workshop will focus on creating LMS-based, no-cost, learner-centered course materials in OM and SCM courses. Examples will be presented. Attendees should be prepared to share an example (in small groups) of current course materials they use which are LMS-based, no-cost, and learner-centered. We will also discuss how AI such as Chat-GPT is changing the way we approach using these methods. This will be a place to exchange innovative ideas and techniques with colleagues.

Workshop Coordinator: Josh Strakos (Baylor University)

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Sunday, Nov 19th, 2023, 4:30-6:00 p.m. | M303

Atlanta Marriott Marquis

WORKSHOP: Working on Big Data Using R

Today's organizations gather and store massive amounts of granular data about their processes and customers, mainly owing to low storage costs. The hope is that firms can identify useful information and extract value through superior analysis. Effective data management and visualization are vital steps to achieving these objectives. This workshop will provide hands-on exposure to conducting data management and visualization activities on extensive real-world datasets in R/RStudio. Data management includes reading, cleaning, merging datasets, and handling missing observations. Data and code files will be shared with the participants before the commencement of the workshop.

Workshop Coordinator: Pradeep K. Pendem (University of Oregon)

Presenter: Pradeep K. Pendem (University of Oregon)

Sunday, Nov 19th, 2023, 6:30-7:00 p.m.

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Sunday, Nov 19th, 2023, 6:30-7:00 p.m. | Marquis A-B

Atlanta Marriott Marquis

RECEPTION: President's Reception

Please join DSI Board President David Dobrzykowski for cocktails before the Dinner banquet.
Host: David Dobrzykowski, University of Arkansas

Sunday, Nov 19th, 2023, 7:00-9:00 p.m.

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Sunday, Nov 19th, 2023, 7:00-9:00 p.m. | Marquis A-B

Atlanta Marriott Marquis

DINNER BANQUET: 54th Annual Conference Dinner Banquet

Join DSI Board President David Dobrzykowski for a sit-down dinner featuring DSI Leadership Awards including DSI Fellow, the Dennis Grawoig Distinguished Service Award, and the DSI Lifetime Distinguished Educator Award.

Monday, Nov 20th, 2023, 7:00-8:00 a.m.

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Monday, Nov 20th, 2023, 7:00-8:00 a.m. | M102

Atlanta Marriott Marquis

BUSINESS MEETING: DSI Annual Business Meeting

DSI Board President David Dobrzykowski will preside over the Annual General Business Meeting and present the financial, membership and programmatic status of the Institute. Members are encouraged to attend and shall have the opportunity to exchange information and raise questions.

Advisor: Vivian Landrum (Decision Sciences Institute)

Chair: David Dobrzykowski, University of Arkansas

Monday, Nov 20th, 2023, 7:30-8:00 a.m.

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Monday, Nov 20th, 2023, 7:30-8:00 a.m. | Imperial B

Atlanta Marriott Marquis

MEAL: Monday Breakfast Sponsored by Bowling Green State University and DSI

Enjoy a light breakfast as you prepare for our final day of the conference.

Monday, Nov 20th, 2023, 8:00-9:30 a.m.

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M103

Atlanta Marriott Marquis

ACCOUNTING: Current Topics in Accounting

This session focuses on various topics important in accounting research and education. The first paper in the session investigates the relationship between annual reports' text readability and bank risk-taking in the GCC countries. The second paper discusses how reaching advanced age brings new challenges for savers. The third paper presents strategies for incorporating professional skills into Problem-Based Learning (PBL) and Team-Based Learning (TBL) projects in intermediate accounting courses.

Chair: Nathan Oestreich (San Diego State University)

Analyzing the Ability to Defer Required Minimum Distributions When Still Working

Nathan Oestreich (San Diego State University)

Incorporating Problem-Based Learning (PBL) and Team-Based Learning (TBL) to Integrate Professional Skills into the Intermediate Accounting II(III) Course at Two Universities

Judith A Sage (Sage & Sage), Lloyd G Sage (Sage & Sage)

Accounting Information Lifecycle Management in the age of Big Data

Salem Boumediene (University of Illinois Springfield), Salma Boumediene (Naval Postgraduate School)

AI and Taxation: Is it a friend or a foe?

Salma Boumediene (Naval Postgraduate School), Cyrine Boumediene (Amazon Inc.)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Prediction Modeling

This session includes talks on prediction problems using statistical methods and machine learning techniques in various applications ranging from aviation safety to nursing home care.

Chair: Kristof Coussement (IESEG School of Management)

Predictive Modeling in Aviation Safety Research

Dothang Truong (Embry-Riddle Aeronautical University)

To use or not to use? Incorporating usage data for B2B churn prediction modeling

Juliana Sanchez Ramirez (IESEG School of Management), Kristof Coussement (IESEG School of Management), Arno De Caigny (IESEG School of Management), Dries F. Benoit (Ghent University), Lauren Waardenburg (IESEG School of Management)

Using Advanced Predictive Models to Improve Nursing Home Care Quality in the United States

Ajaya Swain (St. Mary's University), Sharmistha Swain (St. Mary's University), Amy Sanchez-Juarez (St. Mary's University)

Stock Market Reaction to Firm's Response to the Pandemic: An Event Study

Tingshu Tim Hung (DePaul University), Charles Wang (University at Buffalo), Nallan Suresh (University at Buffalo)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M109

Atlanta Marriott Marquis

COMMITTEE MEETING: Conferences Committee

A meeting of the members of the DSI Conferences Committee.

Members: Vivian Landrum (Decision Sciences Institute), Sriram Narayanan (Michigan State University), Rick Hardcopf (Utah State University), Sarah Sengupta (St. Cloud State University), James Minas (St. John's University), Xin (David) Ding (Rutgers Business School)

Chair: Carmela Di Mauro, DICAR - Università di Catania

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M108

Atlanta Marriott Marquis

COMMITTEE MEETING: Finance and Investment Committee Meeting

Finance and Investment Committee Meeting

Chair: Anthony Ross (University of Missouri)

Chair: Vivian Landrum, Decision Sciences Institute

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Examining the Content and Delivery of Analytics Classes I

This session will explore the use of ChatGPT for instruction, preparing students with the correct technological skills for the workplace, and experiences with an 8- and 16-week MBA Analytics course. The first presentation will reconsider the forty-year-old seminal educational concept "Tutor, Tool, and Tutee" for Chat-GPT. The second presentation will explore course offering changes needed to respond to the job market as well as bittersweet experiences of Artificial Intelligence (AI) based learning aids like ChatGPT, Cognii, Ivy Chatbot, Socrates, etc. in offering a holistic students' learning experience. The final presentation will explore the experiences teaching a core MBA analytics course.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: David Stephan (Two Bridges Inst Tech), Asit Bandyopadhyay (Austin Peay State University), Thomas R. Robbins (East Carolina University)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M106

Atlanta Marriott Marquis

DECISION SCIENCES in PRACTICE: Forecasting and Quality

This session presents the application of Decision Science in forecasting and quality

Chair: Shu Wang (Georgia Institute of Technology)

An adaptive procedure for intermittent forecasting: a simulation comparison of methods

Matthew D Lindsey (Stephen F Austin State University), Robert Pavur (University of North Texas)

Validation for Risk Severity Planning System with Multicollinear and Autoregressive Inputs

John Maleyeff (Boston University), Tianyu Xu (Boston University), Tianyuan Liu (Boston University), Jingyu Wang (Boston University)

Point forecasts from experience: an empirical examination of judgmental forecasting

Neslihan Ozlu (Georgia Inst of Technology)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M107

Atlanta Marriott Marquis

GIG ECONOMY and SOCIAL MEDIA RESEARCH: Strategic Management of Workforce in the Gig Economy

Papers in this session discuss various facets of managing the gig labor workforce.

Chair: Hao Jiang (temple university)

Understanding Food Delivery Rider Need-Based Segments: A Multi-Method Approach

Jiayuan Zhang (University of Wisconsin - Whitewater), Ruoqing Zhang (Central Connecticut State University), Gawon Yun (Missouri State University)

Unveiling Gig Workers: Predictive Factors and Profiling-Based Classification of Gig Workers among Subprime Borrowers Using Machine Learning Algorithms

Eun Jin Kwak (University of Wisconsin-Green Bay), John Grable (University of Georgia)

Value Creation in Digital Labor Platforms

Aziz Alshalfan (Rutgers University), Alok Baveja (Rutgers University), Lian Qi (Rutgers University)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Lean Operations and Robotic-Assisted Healthcare Delivery

Lean Operations and Robotic-Assisted Healthcare Delivery

Chair: Pradeep K. Pendem (University of Oregon)

Lean Healthcare: Preparation and Implementation Capabilities

Dave Barrett (Western University), Fernando Naranjo (Niagara University), Larry Menor (Western University)

The Role Of Robot-assisted Surgeries Experience On Surgical Outcome, Learning And Forgetting In Conventional Minimally Invasive Surgeries

Pradeep K. Pendem (University of Oregon), Sriram Narayanan (Michigan State University), Vikram Tiwari (Vanderbilt)

Impact of Robotic Dispensing System on Medication Dispensing Error Rate, Patient Wait Time, and Patient Satisfaction

Rupesh agrawal (Northern Kentucky University), ALI BALAPOUR (NORTHERN KENTUCKY UNIVERSITY), Jyothish Philip (NORTHERN KENTUCKY UNIVERSITY)

301

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 8

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Managing Capacity in Healthcare

Managing Capacity in Healthcare

Chair: Rodolfo Catena (UCL)

Assessing the Effect of Capacity Balancing Algorithms for Observation Status Patient Placement on Emergency Department Crowding

Vera Tilson (Simon School, University of Rochester), Shiya Xiao (University of Rochester), Dessislava Pachamanova (Babson College), Keely Dwyer-Matzky (University of Rochester Medical Center)

A Complex Adaptive Systems perspective on managing sustained demand surges

Rodolfo Catena (UCL), Paul Buijs (University of Groningen), Matthias Holweg (University of Oxford), Gerdien Regts (University of Groningen), Taco van der Vaart (University of Groningen)

302

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Predictive Analytics in Healthcare

Predictive Analytics in Healthcare

Chair: Ilyas Ustun (DePaul University)

Exploring Pollution Levels During COVID Pandemic

Ilyas Ustun (DePaul University)

A Systematic Analysis of Treatment Outcome and Physical Therapy Services in Acute Care Facilities

Yong-Taek Min (Florida Gulf Coast University), Rajesh Srivastava (Florida Gulf Coast University), Elias Kirche (Florida Gulf Coast University)

Synthesizing multiple perspectives on machine learning adoption in early disease detection.

Gabriel Owusu (University of Texas Rio Grande Valley), Xuan Wang (University of Texas Rio Grande Valley)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 5

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: IT in Supply Chain Management

This session attempts to improve SCM performance by exploring the roles of digitalization, IT-enabled capabilities, and generative AI
Chair: Melinda Kay Cline (Georgia Gwinnett College)

Generative AI in Supply Chain

Benywarath Nithithanatchinnapat (Penn State University, Erie), Joshua Douglas Maurer (Gannon University)

Building Robust Supply Chains through Digitalization. The role of IT-Enabled Dynamic Capabilities

Caleb Amankwaa Kumi (Kwame Nkrumah University of Science and Technology, Kumasi), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Emmanuel Kweku Quansah (Kwame Nkrumah University of Science and Technology), John Serbe Marfo (Kwame Nkrumah University of Science and Technology, Kumasi)

How does digital transformation enhance supply chain performance? the role of knowledge management capabilities

Benjamin Agyei-Owusu (Kwame Nkrumah University of Science and Technology), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Emmanuel Kweku Quansah (Kwame Nkrumah University of Science and Technology)

Identifying and Mitigating the Dark Sides of Big Data: an Agenda

muneer abbad (community college of qatar)

304

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A705

Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Learning and Knowledge Management

Studies in this session delve into the topic of learning and knowledge management by examining AI-knowledge sharing synergies, IT outsourcing management, intellectual property in Science, and mobile learning for college students.

Chair: Armel Djangone (Dakota State University)

Exploring the synergies between AI and Knowledge sharing in organizations: A Scoping Review

Armel Djangone (Dakota State University), Omar El-Gayar (Dakota State University)

Intellectual Property and Knowledge Intensive Activities in EU Science and Tech Sector

Reza Gharoie Ahangar (Lewis University)

Key Factors Influencing the Behavioral Intention to Use Mobile Learning of College Students

Sung-Tae Kim (St. Mary's University), Hong-Hee Lee (St. Mary's University), Eduarda Carvalho (St. Mary's University)

The role of leadership styles, organizational culture, and knowledge management in higher education institutions (HEI)

Armel Djangone (Dakota State University), Omar El-Gayar (Dakota State University)

305

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M304

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Collaboration for Innovation

This session has four presentations on the importance of collaboration across partners and platforms for innovation.

Chair: Fred Ahrens (University of Toledo)

A Review and Discussion of Crowd Voting in Open Innovation

Liang Chen (West Texas A&M University)

Partner Knowledge Bases as Drivers of Innovation: Bibliographic Markers of Peer-competitor Knowledge Diffusion

Fred Ahrens (University of Toledo), Benjamin T George (University of Toledo)

Sulaco Framework of Cross-Functional Collaboration

Tom Hall (University of South Florida)

The Product Launch Strategy for New Movies

wenge zhu (California State Polytechnic University, Pomona), Yuanjie He (California State Polytechnic University, Pomona)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 6

Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation in Supply Chain and Operations Management

This session showcases empirical research in supply chain and operations management within the broader context of innovation.

Chair: sining song (University of Tennessee Knoxville)

Adapting to market uncertainties: The effect of industry concentration on supply chain reconstruction

Xiaojin Liu (Virginia Commonwealth University), Kedong Chen (Old Dominion University), Pankaj Kumar (Virginia Tech University)

The impact of logistics technologies on retailer's performance

Serkan Akturk (Clemson University), Rakesh Mallipeddi (The Ohio State University), Xingzhi Jia (Renmin University of China)

Selecting right suppliers: an empirical study of supply chain synergies in supplier selection

sining song (University of Tennessee Knoxville), Deepa Goradia (Georgia State University), YUQI PENG (Salisbury University), Yan Dong (University of South Carolina)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A706

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Innovative Cases for Business Analytics

This session presents various cases and research on business analytics.

Chairs: Sina Shokoohyar (Seton Hall University), Andrew Sinclair (Wilmington University)

Auto Repossession Agencies: Why are They Leaving the Industry and What Can They do to Remain in Business

Sina Shokoohyar (Seton Hall University), Jeremy Cross (irsrepo), Andrew Sinclair (Wilmington University), Charlie Evert (Saint Joseph's University), Blessing Zachariah (Seton Hall University)

Car Subscription Strategy: Porsche Drive

Vaughan Griffiths (Porsche USA), Varun Gupta (University of North Georgia), Darren Manion (SAINT LOUIS UNIVERSITY), Sarah Sargent (SAINT LOUIS UNIVERSITY), Xiao Zhang (SAINT LOUIS UNIVERSITY)

Exploring the Capacity Challenges at the International Recovery Systems (IRS)

Sina Shokoohyar (Seton Hall University), Jeremy Cross (irsrepo), Andrew Sinclair (Wilmington University), Jacob Blacksten (University of Delaware), Blessing Zachariah (Seton Hall University)

308

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A708

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Measuring Student Satisfaction and Perceptions of Educational Experiences

This session discusses students satisfaction on learning approaches and their perceptions on learning experiences.

Chair: Yashica Pandey (University of North Texas)

Determinants of Master Student Satisfaction: A Regression Analysis of Factors in a Degree Program

Yashica Pandey (University of North Texas), Anvesh Konduru (University of North Texas), Vesta Stacy (University of North Texas), Victor Prybutok (University of North Texas), Denise baxter (University of North Texas)

Measuring the satisfaction of students from e-learning systems: A case from Türkiye

Mustafa Cemil Karacadag (Data Science Systems), Bulent Erenay (Northern Kentucky University)

Student Career Competency Perceptions During the Pandemic: Consequences of Changing Pedagogy and Workplace Beliefs

Marieke C Schilpzand (Georgia Gwinnett College), Amanda Lori Wilsker (Georgia Gwinnett College)

Student Perceptions of Intermediate Help Tools in Computational Experiential Learning Assignments

Vitaly Brazhkin (University of West Florida), Cody Reinhardt (University of West Florida), Josh Strakos (Baylor University)

309

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Navigating the Landscape: Exploring the

Dynamic Realm of Logistics Regulations

Topics related to the impact of various logistics regulations on the efficiency and effectiveness of logistics systems will be explored in this session.

Chair: Tony NK Lynch (Penn State University)

Investigating heterogeneous regulatory pressure in the U.S trucking industry

Chinedu Ufodike (University of Tennessee, Knoxville), Yemisi Bolumole (University of Tennessee), Jason Miller (Michigan State University)

The Impact of the CHIPs and Science Act on Companies Strategic Choices: Implications for Supply Chain Design

Tony NK Lynch (Penn State University)

Factors affecting crowd workers' participative behavior in Vietnam

Minh Hue Nguyen (University of Economics Ho Chi Minh City), Hung Tuan Nguyen (University of Economics Ho Chi Minh City), Thang Xuan Nguyen (University of Economics Ho Chi Minh City), Vu Lam Pham (University of Economics Ho Chi Minh City), Vy Ngoc Thao Pham (University of Economics Ho Chi Minh City), Vy Thi Thao Nguyen (University of Economics Ho Chi Minh City), Yoshiki Matsui (The Open University of Japan)

310

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon C

Atlanta Marriott Marquis

OPERATIONS FINANCE INTERFACE: Navigating the Pandemic- Corporate Responses Through a Financial Lens

In this session, we will delve into the multifaceted impact of the COVID-19 pandemic on corporate behavior and firm performance amid uncertainties. Key topics to be covered include risk and earnings management, as well as the quantification of risk and agility.

Chair: Zhezhu Wen (California State University, Fresno)

COVID-19 Uncertainty on Corporate Risk-taking: International Evidence

Md Ismail Haidar (University of Texas Rio Grande Valley)

Measuring Operational Agility and Its Impact on Financial Performance

Zhezhu Wen (California State University, Fresno), Paul Hong (University of Toledo)

Risk Quantification of US Sectors Around the Pandemic

Mehmet Orhan (University of North Texas)

311

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M302

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Recruitment, Motivation, and Retention in Workplaces

This session will explore ways to effectively recruit, motivate, and retain employees.

Chair: Shanggeun Rhee (Kean University)

A Case Study: How Small Georgia Manufacturing Companies Adapted their Recruitment and Retention Practices After the Post-COVID-19 Shock

Willis Curtis Jarrell (Georgia State University Robinson School of Business DBA Program), Yvonne Wilkerson

(Georgia State University Robinson School of Business DBA), Susan Haynes (Georgia State University Robinson School of Business DBA Program), Nannette Napier (Georgia State University)

Given the high rate of special education teacher attrition, what factors may improve teacher retention?

Catherine Brainard (SUNY-Empire State College)

Idiosyncratic Deals for Single-Parent Employees and Converting them into Formalized Work-Family Policies

Tanushree Chatterjee (University of Texas at El Paso)

Pay and intrinsic motivation: It is not about amount and performance but trust building and timing

Shanggeun Rhee (Kean University), Silvana Trimi (University of Nebraska-Lincoln)

312

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 4

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Supply Chain Transformations

Presentations that encompass a range of topics such as restructuring, evolution, relationship reconfiguration, and global shifts in procurement.

Chair: Prabhjot Mukandwal (Wayne State University)

Service Bundling and the Roles of Purchasing in Service Procurement

Ulrich Schmelzle (Michigan Technological University), Wendy Tate (The University of Tennessee, Knoxville), Lisa Ellram (Miami University)

Learning From Project Failures: Exploring Resource Orchestration Capabilities and Behavioral Biases in Buyer-Supplier Collaborations

Andrea Stefano Patrucco (Florida International University College of Business), Daniel Trabucchi (School of Management, Politecnico di Milano), Tommaso Buganza (School of Management, Politecnico di Milano), Paola Bellis (School of Management, Politecnico di Milano)

How Do Individual Inspectors' Motivations and Inspection Team Compositions Impact Inspection Outcomes? Evidence From Food-safety Inspections

Abhay Grover (University of Maryland), Martin Dresner (University of Maryland), Oliver Yao (Lehigh University)
Non-Presenter: Alan Pritchard, Texas Tech University

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M303

Atlanta Marriott Marquis

QUALITY MANAGEMENT and LEAN OPERATIONS: Implementing Quality Management (QM) in Firms: Revisited

Using three studies drawn from different industry contexts, this session will discuss various issues related to quality management (QM) practices and link them to firm outcomes. The first study will share insights from healthcare quality literature; the second will demonstrate how implementing a lean six sigma training may affect firms' performance, and the third will link the implementation of QM practices to firm outcomes such as organizational resilience.

Chair: Subhajit Chakraborty (Coastal Carolina University)

Continuous Improvement in Healthcare Operations: Are We Doing Enough?

Subhajit Chakraborty (Coastal Carolina University), Hale Kaynak (The University of Texas Rio Grande Valley)

Identifying the Barriers to Transferring Six Sigma Skills from Training to the Job

Lawrence Fredendall (Clemson University), Adrian Choo (Michigan State University), Jamison Kovach (University of Houston)

Quality Management and Organizational Resilience

Mahour Mellat Parast (Arizona State University)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M102

Atlanta Marriott Marquis

SIG Town Hall for Disruption and Resilience

Interested in emergency response or robust systems? Passionate about humanitarian logistics? Concerned about supply chain disruptions and/or energy transition? Drop into this session to meet like-minded DSI members, and let's build a community around resilience.

Chair: Natalie Simpson, University at Buffalo

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Distribution Design with Last-Mile Delivery Consideration

This session presents research investigating various distribution design systems with last-mile considerations. The research presentations illustrate ideas and applications for constantly evolving distribution systems in today's challenging business world.

Chair: Funda Sahin (University of Houston)

Service Network Design with Hub Constraints

Ozgur Satici (The University of Alabama), Iman Dayarian (The University of Alabama), Teodor Gabriel Crainic (Universite du Quebec a Montreal)

Variable Urban Features and Last-Mile Vehicle Routing

John E Bell (University of Tennessee), William J Rose (Iowa State University), Chad W Autry (University of Tennessee)

Multi-Echelon Network Design Considering Micro and Urban Fulfillment Centers

Powell Robinson (University of Houston), Li-Lian Gao (Hofstra University), Funda Sahin (University of Houston)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Network Structure and Supply Chains

This session explores the impact of network structure.

Chair: Matthias Winter (University of Applied Sciences Upper Austria)

Identification and characterization of network structure in interconnected supply chains

Matthias Winter (University of Applied Sciences Upper Austria), Michael Plasch (University of Applied Sciences Upper Austria)

Internal supply chain integration orientation and external supply chain partner performance; The role of supply chain network centrality.

Okyere Anim Barima (KNUST School of Business), Listowel Owusu Appiah (Center for Applied Research and Innovation- Africa, Kwame Nkrumah University of Science and Technology), Matilda Owusu Bio (KNUST School of Business)

Does resource structure matter for supply chain social capital dimensions ?

Tarik Saikouk (Excelia Business School - CERIM), Mohammad Alghababsheh (Mutah University), Ahmed HAMDY (Rabat Business School - International University of Rabat), Nejib FATTAM (Independent Consultant in 4PL)

Managing nonlinear interconnected supply chains: Revisiting roles, relationships, technologies, and organizational structures

Michael Plasch (University of Applied Sciences Upper Austria), Matthias Winter (University of Applied Sciences Upper Austria)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A707

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Renewable Energy

This session explores topics on renewable energy.

Chair: Narges Mashhadi Nejad (The University of Toledo)

Mapping REE Supply Chain for the Wind Energy Market in the USA

Rajkamal Kesharwani (Mercyhurst University), Sourish Sarkar (PennState University)

Research Trends for Electric Vehicle- A Machine Learning Approach

Narges Mashhadi Nejad (The University of Toledo), Hao-Wei Chen (The University of Toledo)

318

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Logistics and Supply Chain Network in Risk Management

This session focuses on the role of logistics and supply chain networks in risk management. We will share insights on leveraging network dynamics, resilience, and contingency planning to mitigate risks. Join this session to gain valuable knowledge on managing risks and enhancing the resilience of logistics and supply chain networks.

Chair: James Minas (St. John's University)

An Efficiency-Based Clustering Analysis Approach to Emergency Logistics Network System Design

Jae-Dong Hong (South Carolina State University)

An empirical investigation of the relationship between US airport network and delays

Sae Young Yoon (Korea University), Hyun Seok (Huck) Lee (Korea University)

319

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Environmental Policies and Sustainability Practices.

The session delves into policies, regulatory frameworks, economic incentives, and technological processes that impact the efficiency and cost-effectiveness of battery recycling systems. It also explores the eco-efficiency of OECD countries and the economic well-being of the automotive industry.

Chair: Fahimeh Chomachaei (University of Massachusetts Boston)

A System Dynamics Approach for Assessing Policy Impacts on Closed-Loop Supply Chain Efficiency: A Case Study on Electric Vehicle Batteries

Guannan Ren (The George Washington University), Thomas Mazzuchi (The George Washington University), Shahram Sarkani (The George Washington University)

Eco-efficiency Assessment of the OECD Countries by DEA Models

Umit Saglam (East Tennessee State University)

The Economic Impact of Environmental Policy on Auto industry: An Empirical Study

Fahimeh Chomachaei (University of Massachusetts Boston), Davood Golmohammadi (University of Massachusetts Boston)

The Impact of Electric Vehicle Sharing on Automaker's Electric Vehicle Charging Infrastructure

Tania Saha (SPJIMR Mumbai), Prasenjit Mandal (NEOMA Business School)

320

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon 7

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Fostering Corporate Social Responsibility

The session deals with effective ways to foster CSR practices in firms: whether the manager's attachment style plays a role, or specific insurer characteristics drive the ESG ratings of firms, or successful micro-loan funding and crowdfunding efforts.

Chair: Yi-Su Chen (University of Michigan-Dearborn)

Corporate Social Responsibility (CSR) and Willingness to Cooperate: Does Managers' Attachment Style Play A Role?

Yi-Su Chen (University of Michigan-Dearborn), Tsai-Shan Sam Shen (Eastern Michigan University)

The Relationship between CSR, Microloan Funding, and Crowdfunding Success

Andrew Manikas (University of Louisville), Eric Shaunn Mattingly (Boise State University), James Kroes (Boise State University), Garrett McBrayer (Boise State University)

Too Good to Be Profitable: Benchmarking CSR from Competitors

Sean (Hyunsoon) Yim (Penn State Behrend)

321

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | A703

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: From Power Generation to the Role of Government

The session begins with an overarching meta analysis on government interventions and sustainable operations. It's followed by how governmental policies impact the coal industry. We then move to smart grids and how to manage disruptions. The session concludes

with a piece on environmental disclosures in a dyadic setting and the role of varying distance dimensions.

Chair: Kang Hsu (Georgia Southern University)

Sustainable Operations and Government Interventions

Seongkyoon Jeong (University of Tennessee), Jaeseok Lee (Coastal Carolina University)

Decreasing Emissions and Increasing Operational Efficiency Simultaneously in the Coal Industry

Abhinav Jindal (Power Management Institute), Rahul Nilakantan (Georgia Southern University), Deepak Iyengar (Georgia Southern University), Scott Ellis (Georgia Southern University), Shashank Rao (Auburn University)

A Dynamic Approach to Disruption Management in Smart Grid Networks

James Peters (Concordia University), Anton Shevchenko (Concordia University)

Which dimensions of distance impair supplier-buyer mimicry? A study of environmental disclosure in global supply chains

William Diebel (Western University)

322

Monday, Nov 20th, 2023, 8:00-9:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: The Impact of the Use of Blockchain on Sustainability.

The session contains studies on how block chain technology can be used to address safety challenges in the supply chain, improve the integrity of UN SDG reporting, and enhance visibility, traceability, and security in supply chain operations.

Chair: Cigdem Z. Gurgur (Purdue University)

A Blockchain Ecosystem for Safer Circular Lithium-ion Battery Supply Chains: A Performance-based Theoretical Perspective

Zhuowen Chen (Worcester Polytechnic Institute), Abdullah Yildizbasi (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute)

Advancing the United Nations' Sustainable Development Goals through BloT: Blockchain Technology and Internet-of-Things

Cigdem Z. Gurgur (Purdue University)

Enhancing Corporate Social Responsibility: Exploring the Impact of Blockchain Technology through Supply Chain Transparency amidst Growing Supply Risks

Hasan Uvet (Georgia Gwinnett College), Arim Park (North Carolina A&T State University), John Dickens (Air Force Institute of Technology), Jae-Young Oh (Central Washington University)

Using Block chain Technology to Promote Sustainable Supply Chains: A Systematic Literature Review

Saleh ABU HASHARAH (Morgan State University), Dessa David (Morgan state university), Abirami Radhakrishnan (Morgan state university)

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Monday, Nov 20th, 2023, 8:00-9:30 a.m. | M301

Atlanta Marriott Marquis

WORKSHOP: Teaching OM with Simulations

This workshop will provide a "hands on" introduction to McGraw-Hill's Practice Operations supply chain management simulation

followed by a discussion of teaching OM with simulations. Practice Operations simulates aspects of supply chain management including supplier selection, human resources, capital investment, receiving, production, shipping and customer relations using a modular approach which introduces students to these concepts through a series of assignments. The simulation can be used to introduce students to SCM concepts, to reinforce learning objectives and to expose students to SCM careers. Workshop participants should bring a smart phone, tablet or laptop to allow full participation.

Workshop Coordinator: Gregory DeYong (Southern Illinois University)

Monday, Nov 20th, 2023, 9:00-11:30 a.m.

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Monday, Nov 20th, 2023, 9:00-11:30 a.m. | International Salon 1 and 2 Atlanta Marriott Marquis

PLACEMENT SERVICES: Monday 9am to 11:30am

PLACEMENT SERVICES: Monday 9am to 11am Appointments Only

Monday, Nov 20th, 2023, 9:30-10:00 a.m.

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Monday, Nov 20th, 2023, 9:30-10:00 a.m. | Imperial B

Atlanta Marriott Marquis

COFFEE BREAK: Sponsored by New Jersey Institute of Technology and DSI

Coffee and Tea break.

Monday, Nov 20th, 2023, 10:00-11:30 a.m.

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M103

Atlanta Marriott Marquis

ACCOUNTING: NFP & Tax for Charitable Distribution

Not-for-profit (NFP) organizations in the United States received charitable contributions of approximately \$485 billion in 2021. The first paper in this session review over 40 years of academic literature on the role of financial information in NFP to get donations. The second paper investigates donor-advised funds to optimize tax benefits for charitable giving, particularly post-tax reform, aiding non-itemizing donors. The third paper discusses how the SECURE 2.0 Act of 2022 introduces tax law changes to enhance retirement plans and savings and permits a one-time qualified charitable distribution (QCD) to a split-interest entity.

Chair: Sheldon R Smith (Utah Valley University)

Nonprofit Financial Statements and the Changing Landscape of Giving

Basheer M. Khumawala (University of Houston), Arpita Shroff (University of Houston, Downtown), Saleha Khumawala (University of Houston)

Planning for Donor Advised Funds: How, When, and Why

Nathan Oestreich (San Diego State University), Sheldon R Smith (Utah Valley University)

Qualified Charitable Distributions to Split-Interest Entities

Sheldon R Smith (Utah Valley University)

327

Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M109

Atlanta Marriott Marquis

BOARD MEETING: Southwest DSI Board Meeting

A meeting of the members of the SWDSI Board of Directors.

Members: Kittipong Boonme (Texas Women's University), Will Senn (Tarleton State University), Catalin Dinulescu (Tarleton State University), Pamela Rogers (Stephen F. Austin State University), Lu Xu (University of North Georgia), Balaji Janamanchi (Texas A & M International University), Vivian Landrum (Decision Sciences Institute)

Chair: Venu Gopalakarishna-Remani, University of Texas at Tyler

328

Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 10

Atlanta Marriott Marquis

BUSINESS ANALYTICS: Strategies and Performance in Business Analytics

This session includes talks on different strategies and activities that impact performance in various operational settings.

Chair: Maxim Terekhov (University of Florida)

Business Analytics: Emerging Practice and Research Issues in the Health Insurance Industry

Maxim Terekhov (University of Florida)

Leveraging Data for Comprehensive Research Facility Management Strategies

Shenghan Xu (University of Idaho)

Mediating Role of Internal Integration in Business Analytics Capability's Impact on Supply Chain Performance

Canchu Lin (SUNY Farmingdale.edu), Andrea Xu (SUNY Farmingdale.edu)

The role of organizational factors on the impact of business analytics on organization's performance: A conceptual framework

Khaled Alshare (Qatar University), Khalid Al-Abdulqader (Qatar University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M101

Atlanta Marriott Marquis

DATA, ANALYTICS and STATISTICS INSTRUCTION: Examining the Content and Delivery of Analytics Classes II

This session features three different analytics-oriented discussions. The first explores the results of an alumni survey about the skills and curriculum gaps of an undergraduate BSBA major and MSBA. The second examines the challenges and opportunities of a business intelligence and analytics class in a professional MBA program. The final explores how regression analysis can be taught as a gateway for learning business analytics with experiences of applying this insight to two different populations of learners.

Chair: Robert L. Andrews (Virginia Commonwealth University)

Presenters: Kellie Keeling (University of Denver), Scott Toney (University of Denver), Zsolt Ugray (Utah State)

University), David Stephan (Two Bridges Inst Tech)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A708

Atlanta Marriott Marquis

DIVERSITY EQUITY and INCLUSION: Research on Diversity, Equity and Inclusion in Supply Chain and Operations Management

This session explores various topics related to diversity, equity and inclusion within supply chain and operations management.

Chair: Dustin Cole (Auburn University)

Does Leader Disability Status Influence The Operational Performance Of Teams With Workers With Disabilities? An Empirical Study In The Apparel Industry

Dustin Cole (Auburn University), Sriram Narayanan (Michigan State University), Shawnee Vickery (Michigan State University)

Bridging Boundaries: Quality, Impact and Resilience in Coffee Supply Chains

Eugenia Rosca (University of Groningen), Madeleine Pullman (University of Sussex)

The impact of perceived buyer justice on supplier diversity implementation

Wendy Tate (The University of Tennessee, Knoxville), Feigao Huang (Wright State University)

Budget disclosure in crowdfunding: information asymmetry and cost transparency

Wayne Fu (University of Michigan-Dearborn), Guangzhi Shang (Florida State University), Xun Tong (University of Groningen)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M104

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Emerging Empirical Research in Healthcare

The healthcare industry constantly evolves, and healthcare managers must adapt to new challenges and opportunities. Empirical research can provide valuable insights into how to improve healthcare delivery and outcomes. This research track brings together emerging healthcare research topics with strong practical and theoretical relevance.

Chair: Sukrit Pal (Iowa State University)

Examining Real Time Location Systems in Hospitals

RAJIB DUTTA (University of Arkansas), David Dobrzykowski (University of Arkansas)

The Role of Surgical Consumable Standardization in Healthcare: An Empirical Study on Orthopedic Surgery

Wang Ting (University of Science and Technology of China), Xin (David) Ding (Rutgers Business School), Kejia Hu (Vanderbilt University), Yun Fong Lim (Singapore Management University), Vikram Tiwari (Vanderbilt)

Growing the Vaccine Distribution Network During a Pandemic: Implications for Increasing Access

Sukrit Pal (Iowa State University), Anand Nair (Northeastern University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M105

Atlanta Marriott Marquis

HEALTHCARE MANAGEMENT: Public Policy and Political Engagement in Healthcare

Public Policy and Political Engagement in Healthcare

Chair: Marouen Ben-Jebara (University of South Carolina Aiken)

Biologic Drug Development: The role of Corporate Political Activity

Marouen Ben-Jebara (University of South Carolina Aiken), Sachin Modi (Villanova University)

Examining the public health insurance implementation models in India

akansha misra (SP Jain Institute of Management and Research)

Impact of COVID-19 in Future Healthcare Operations

Sanjeev Bordoloi (Univesity of St. Thomas)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 5 Atlanta Marriott Marquis

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Maching Learning and Algorithm

This session advances our understanding of AI applications by looking into Instance-based data collection, fact checking, emotion detection, and XBRL adoption.

Chair: Rakesh Sharma (University of Maryland Eastern Shore)

A Methodology for GPS Spoofing Detection and Mitigation Technique

Rakesh Sharma (University of Maryland Eastern Shore), Tarun Dhar Diwan (Atal Bihari Vajpayee University)

Emotion Detection in Texts: Efficiency Comparison of Different Classifiers

Debangi Choudhury (Ravenshaw University, Cuttack, Orissa, India), Meera Behera (Georgian Court University)

Management of Platform Engineering Teams

Jordan Douglas Shropshire (University of South Alabama), John Omofoyewa (University of South Alabama)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 6 Atlanta Marriott Marquis

INNOVATION and NEW PRODUCT DEVELOPMENT: Innovation in supply networks

Firms rely on their supply networks for innovation. In this session, research focuses on how firms' supply networks affect their innovation.

Chair: Yang Yang (UTEP)

Dive into the extended supply network: An exploration of cross-tier supplier collaboration on buyer innovation

Ellie Falcone (Texas Christian University), Jordan Barker (Michigan State University)

Know Your Enemies While Your Enemies Know You: The Effects of Competitive Network Embeddedness on Firms' New Product Introduction

Yang Yang (UTEP), Mengge Li (UTEP), Xiaojin Sun (UTEP), Tingting Yan (Texas Tech University)

Bless or Curse? Supplier employee mobility in a buyer-supplier relationship

Xun Tong (University of Groningen), Jiachun Lu (WHU), Tingting Yan (Texas Tech University), Yan Yan (Renmin

University of China)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A706

Atlanta Marriott Marquis

INNOVATIVE EDUCATION: Learning Operations Management with Games

This session includes presentations related to use of games in the classrooms.

Chair: Ju Myung Song (UMass Lowell)

Cookie & Card Game: Understanding Machine Learning Algorithms Using Humanizing Pedagogy

Sudipendra Nath Roy (Herberger Business School, St. Cloud State University)

Learning Operations Management with Games and Simulations

Jim Mirabella (Jacksonville University)

336

Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 9

Atlanta Marriott Marquis

LOGISTICS and TRANSPORTATION MANAGEMENT: Navigating Revenue and Pricing:

Unveiling Financial Decision-Making Strategies in Logistics Networks and Supply Chains

This session includes discussions over financial decision-making strategies in logistics networks and supply chains.

Chair: Farshid Azadian (Embry Riddle)

Air Cargo Pricing under Service Stations Grouping

Farshid Azadian (Embry Riddle)

Impact of Air Forwarder Market Power on Forwarder-Airline Contract Price

Kevin Park (University of Dayton), Arim Park (North Carolina A&T State University), Benjamin Hazen (University of Dayton)

Impact of Revenue Sharing Contract in E-Commerce Drop-Shipping Supply Chain

Raj Kamalapur (Angelo State University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 8

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Diverse Topics in Manufacturing Management

This session includes diverse topics related to manufacturing management.

Chair: Gregory DeYong (Southern Illinois University)

Managing By-Product Synergy and Disposal Costs with Waste-Reduction Technology

Gregory DeYong (Southern Illinois University)

Measuring integrated production ratio: The evidence from steel industry

Sungwoo Byun (Toyo University)

Price Promotions Under a Periodic Review Model

George Hadjinicola (University of Cyprus), Andreas Soteriou (University of Cyprus)

Tackling the aging industrial worker problem - the MAIA framework

Ajay Das (Baruch College), Daria Battini (University of Padua), Niloofar Katirae (University of Padua), Nicola Berti (University of Padua), Ilenia Zennaro (University of Padua), Debra Dobbs (University of South Florida)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M106

Atlanta Marriott Marquis

MANUFACTURING MANAGEMENT: Topics in Inventory Management.

This session includes topics in inventory management.

Chair: Antonio Arreola-Risa (Texas A&M University)

Basestock Production-Inventory Systems in General Stochastic Environments with Disruptions

Antonio Arreola-Risa (Texas A&M University), Hau Lee (Stanford University), Bo Li (Ningbo China Institute for Supply Chain Innovation)

Improving Performance of Vendor Managed Inventory Under Risk: An Analytical Model

Atul Agarwal (University of Illinois Springfield)

Managing Inventory in Customizable Multi-echelon Assembly Systems

Karti Puranam (Rutgers University), Kathleen Iacocca (Villanova University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M303

Atlanta Marriott Marquis

MARKETING and CONSUMER BEHAVIOR: Surveys in Marketing and Consumer Behavior

This session include literature reviews and survey-based analyses of topics in marketing and consumer behavior.

Chair: Alicia Alexander (Northern Arizona University)

Artificial Intelligence Service Robots in Marketing: A Systematic Literature Reviews (SPAR-4-SLR)

Fangling Zhu (Old Dominion University)

Assessing the External Validity of Textual Data Analysis: Findings from the Survey Data

Junhong Min (Michigan Tech Univeristy), Josue Reynoso (Michigan Tech Univeristy), Matthew Monte (Monte Consulting)

COVID-19's Influence on American Supermarket Decision Making: A Study of Supermarket Food Trends by Alicia Alexander & Jennifer Ovalle-Zelaya

Alicia Alexander (Northern Arizona University), Jennifer Ovalle-Zelaya (Northern Arizona University)

Maintaining Public Trust in Home Grown Agriculture - Insights from Saskatchewan

Muhammad Umar Farooq (New Mexico State University), ZERUI CHEN (New Mexico State University), Peace Ijeoma Aludogbu (New Mexico State University)

340

Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M108

Atlanta Marriott Marquis

MEETING: Alpha Iota Delta

A meeting of the members of the Alpha Iota Delta Society.

Member: Terry Howard (University of Detroit Mercy)

Chair: Gregory Ulferts, University of Detroit Mercy

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M102

Atlanta Marriott Marquis

ORGANIZATIONAL BEHAVIOR and HUMAN RESOURCE MANAGEMENT: Understanding Employee Behaviors

This session will explore various types of employee behaviors such as Organizational Citizenship Behaviors (OCB).

Chair: Akram Khattab (The University of Toledo)

Onsite, Hybrid, and Remote Work Arrangements: A Quasi-Experiment of US Employees' Performance and the Mediating Role of Organizational Citizenship

Akram Khattab (The University of Toledo), Heba Abdel-Rahim (The University of Toledo)

Mitigating workplace incivility: The role of employee ingratiation, the moderating role of perceived organizational support, and mediating effects of OCBI

SAHA IQBAL HOSSAIN (TEXAS A&M INTERNATIONAL UNIVERSITY), Liza M Lybolt (TEXAS A&M INTERNATIONAL UNIVERSITY), Olga Chapa (University of Houston-Victoria)

Driving Error Competence Through Learning from Errors: The Role of Thinking About Errors, Errors Risk-taking, and Covering up Errors

Omar Alyasein (University of North Texas), Divesh Ojha (University of North Texas), Chandan Acharya (College of Staten Island, City University of New York)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 4

Atlanta Marriott Marquis

PROCUREMENT and SOURCING: Advanced Theories in Procurement and Sourcing II

Presentations that advance knowledge of procurement and sourcing.

Chair: Joyaditya Laik (Bucknell University)

Impact of a Wholesale Price Contract with penalty on Delivery Failure in a Crowdfunding campaign.

Joyaditya Laik (Bucknell University), Nabita Penmetsa (University of Utah)

Relational Governance in the Virtual Work Environment

Irita Mishra (University of Wisconsin - River Falls), Scott Ellis (Georgia Southern University)

Buyer-Supplier Power Dynamics When Developing Innovative Sustainable Foods

Vahid Mirzabeiki (University of Surrey), James Aitken (University of Surrey)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M304

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Productivity and Knowledge Transfer

This session deals with productivity and knowledge transfer in the service industry.

Chair: EunSu Lee (New Jersey City University)

A little pressure goes a long way: A study of government services' productivity

Carmela Di Mauro (DICAR - Università di Catania), Simone Gitto (University of Siena), Alessandro Ancarani (DICAR - Università di Catania), Gyula Vastag (Szechenyi University)

A Study on the Efficiency Change of Service Industry After COVID-19

Changhee Kim (Incheon National University), Jaeho Shin (Hansung University), Hongsuk Yang (Seoul National University)

Weathering the Storm: An Efficiency Analysis Amidst New Jersey Universities' Crisis

Devin Echavarría (New Jersey City University), Ruth Ortiz (New Jersey City University), EunSu Lee (New Jersey City University)

Up to speed: the influence of timing and synergy on knowledge transfer

Peter T Carrera (The Ohio State University), Ken Boyer (The Ohio State University), Aravind Chandrasekaran (The Ohio State University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 7

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Queuing, Inventory, and Scheduling

This session deals with queuing, inventory, and scheduling in the service industry.

Chair: Xiaofeng Zhao (University of Mary Washington)

Application of priority queuing system in service operations

Xiaofeng Zhao (University of Mary Washington)

Applying Deep Reinforcement Learning to Flexible Staff Scheduling in a Service System with Nonstationary non-Poisson Arrival Process to Achieve Time-Stable Performance

Samira Shirzaei Nichols (University of Central Arkansas)

A Simheuristic Approach for Repair Kit Inventory Policy Creation

John Maleyeff (Boston University), Ruthairut Wootisarn (Boston University), Jia Fang (Boston University), Yugesh Asokan (Boston University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon C

Atlanta Marriott Marquis

SERVICE SYSTEMS and OPERATIONS: Service Strategy

This session deals with strategy in service.

Chair: Subhajit Chakraborty (Coastal Carolina University)

A Research on the Productization Phase: focusing on Modularization

Gwihyeon Boo (Jeju National University), Boo Yun Cho (Jeju National University)

Professional service firms and their extent of outsourcing: A three-dimensional typology

Subhajit Chakraborty (Coastal Carolina University)

Supplier Integration in Public Services: Impact of Mutual Aid Agreements on Fire District Response Time

Rebecca Duray (University of Colorado Colorado Springs), Ying Fan (University of Colorado Colorado Springs), Monique L French (University of Colorado Colorado Springs)

The Standardized Development Strategy of Shanghai Community Sports Volunteer Service

Xinyu Wu (Tongji University), Tianfeng Lu (Tongji University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A701

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Healthcare Operations

The session explores topics that fall under the general healthcare operations stream.

Chair: Ehsan Ahmadi (Mercer University)

A Data-Driven Approach to Optimize Vaccine Allocation for Fostering Equity and Efficiency

Ehsan Ahmadi (Mercer University), Reza Maihami (Mercer University)

Implications of Covid-19 on the Resilience of the Pharmaceutical Supply Chain

Daniela Bufon (FGV/EAESP), Susana Carla Farias Pereira (FGV EAESP), Marcia Regina Santiago Scarpin (Concordia College MN)

Exploring the Relationship between Digitalization and Supply Chain Alertness: The Roles of Data Analytics Capability and Innovative Ambidexterity

Peter Darko (Kwame Nkrumah University of Science and Technology), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Kwame Owusu Kwateng (Kwame Nkrumah University of Science and Technology), John Serbe Marfo (Kwame Nkrumah University of Science and Technology, Kumasi)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A702

Atlanta Marriott Marquis

SUPPLY CHAIN MANAGEMENT: Retail Operations

This session explores topics such as online and e-commerce operations as well as omnichannel practices.

Chair: Annibal Sodero (The Ohio State University)

How do Inventory Levels Affect Online Retail Sales? An Empirical Analysis

Annibal Sodero (The Ohio State University), Tolga Aydinliyim (Baruch College), Michael Pangburn (University of Oregon)

Assortment and Inventory Planning Under Dynamic Substitution with MNL Model: An LP Approach and an Asymptotically Optimal Policy

Alys Liang (Stephen M. Ross School of Business), Stefanus Jasin (Michigan Ross), Joline Uichanco (Michigan Ross)

The Impact of the Rivalry Relationships and Restrained Competitive Actions among the Vertical Partners on Their E-Commerce Performance

Woohyun Cho (University of New Orleans), Hao Su (University of New Orleans)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon 3

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Supply Chain Disruption Management

Learn practical strategies to manage supply chain disruptions effectively. Explore risk assessment, contingency planning, and agile response frameworks. Discover best practices for maintaining operational continuity and minimizing disruption impact.

Chair: Zach Zacharia (Lehigh University)

Does Advance Warning Help Mitigate the Impact of Supply Chain Disruptions? An Experimental Study

Sourish Sarkar (PennState University), Sanjay Kumar (Valparaiso University)

Identifying and Ranking Supply Chain Risks

Zach Zacharia (Lehigh University)

Relating airline network structure and flight cancellation rates

James Minas (St. John's University), Natalie Simpson (University at Buffalo)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A705

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Supply Chain Risk Mitigation

Learn practical strategies to safeguard supply chains against disruptions. Explore vulnerability identification, contingency planning, and supplier network diversification.

Chair: Ashish Chandra (Illinois State University)

Global Pharmaceutical Supply Chain Design Under Multiple Types Of Risks

Martha L Sabogal De La Pava (Clemson University), Emily L Tucker (Clemson University)

Product Portfolio Rationalization for Supply Chain Circularity and Risk Mitigation

Abdullah Yildizbasi (Worcester Polytechnic Institute), Qngyun Zhu (San Diego State University), Mahtab Kouhizadeh (University of Rhode Island), Joseph Sarkis (Worcester Polytechnic Institute)

Risk minimization in supply chain networks

Ashish Chandra (Illinois State University)

Developing Risk Resilience in the Apparel Industry: A Simulation-Based Approach

Smriti Mishra (IIT DELHI), Gourav Dwivedi (IIT DELHI)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A703

Atlanta Marriott Marquis

SUPPLY-CHAIN RISK and RESILIENCY: Supply Issues in Supply Chain Risk and Resiliency

This session explores the critical aspect of supply issues in supply chain risk and resiliency. We will discuss challenges related to supply

disruptions, dependencies, and vulnerabilities within supply chains. Gain insights into effective strategies for risk assessment, contingency planning, and supplier management to enhance supply chain resilience.

Chair: Esmail Mohebbi (University of West Florida)

Planned redundancy to induce resiliency in inventory management

Esmail Mohebbi (University of West Florida)

Supply Network Complexity, National Culture, and A Firm's Reputational Risk

Kedong Chen (Old Dominion University), Yuhong Li (Old Dominion University), Yi-Su Chen (University of Michigan-Dearborn), Weiyong Zhang (Old Dominion University)

The Resilience Effects of Distance between A Focal Firm and Its Supply Base

Jae-Young Oh (Central Washington University), Hyojin Kim (Keimyung University), Yuntaek Pae (University of Illinois at Urbana-Champaign)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon A

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: Food Waste and Food Security

This research session will delve into the multifaceted challenge of Food Waste and Food Security, and investigate innovative strategies and policies for reducing food waste, improving distribution systems, and enhancing food security.

Chair: Xueze Song (UIUC)

Retailing Strategies of Imperfect Produce and the Battle Against Food Waste

Fasheng Xu (Whitman School of Management, Syracuse University), Burak Kazaz (Whitman School of Management, Syracuse University), Haoran Yu (Whitman School of Management, Syracuse University)

Retail Operational Efficiency and Food Donations

John Lowrey (Northeastern University)

Impact of Foodtech Platforms on Food Insecurity

Sandeep Srinivas (University of Illinois at Urbana-Champaign), Gautam Pant (University of Illinois Urbana-Champaign)

Reducing Food Insecurity by Diverting Food from Landfills: Insights from an Optimization Model

Thomas Sloan (University of Massachusetts - Lowell)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | International Salon B

Atlanta Marriott Marquis

SUSTAINABILITY and CORPORATE SOCIAL RESPONSIBILITY: The operational and financial impacts of ESG.

The session contains studies on whether high-tech call center workers' ESG activity recognition would influence organizational commitment and their prosocial behavior, on methodologies for creating ESG scores, and the difference between individual investors' intentions and the actual use behavior of corporate ESG information.

Chair: Ilyas Ustun (DePaul University)

Predicting Environment, Social, Governance (ESG) Scores through Sentiment Analysis on News Data

Ilyas Ustun (DePaul University), Wynona Lam (DePaul University)

Survey of Institutional Investors' Intention to Use ESG Information and Actual Use of Information on their Investment Decision-Making

So Ra Park (Chonnam National University)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | A704

Atlanta Marriott Marquis

WORKSHOP: Harnessing AI in the Classroom: A Discussion on Utilizing Generative AI in Teaching Operations Management and Analytics

Join us in exploring Generative Artificial Intelligence Applications in teaching Operations Management and Analytics. We will have seasoned faculty share their experiences, insights, and strategies in integrating these tools into their pedagogy. We will delve into AI's transformative potential in facilitating education in data analysis, predictive modeling, decision-making exercises, all key facets of Operations Management and Analytics. Afterward, we will conduct a guided small group discussion to allow you to discuss your own practices, common challenges, and brainstorm innovative applications of Generative AI tools in teaching Operations Management and Analytics. Don't miss this opportunity to enhance your teaching approaches with AI.

Workshop Coordinators: Vincent Spezzo (Georgia Institute of Technology), Tatiana Rudchenko (Georgia Institute of Technology)

Presenters: Bob McQuaid (Pepperdine University), Michael Smith (Georgia Institute of Technology), Keith Werle (Georgia Institute of Technology)

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Monday, Nov 20th, 2023, 10:00-11:30 a.m. | M301

Atlanta Marriott Marquis

WORKSHOP: Supply Chain Case Analysis Workshop

Following an overview of several well-known case-analysis models, participants will discuss best practices in approaching, teaching, analyzing and presenting supply chain cases. Part of the workshop will include applying these practices (along with relevant decision tools) to mini-cases in small workgroups. Some time will be spent discussing the impact of (and potential responses to) large-language model AI tools like ChatGPT on case analysis in the university environment. Participants should come ready to learn from other faculty, share their insights and dust off their case analysis skills during the workshop.

Workshop Coordinator: Benjamin Neve (Weber State University)

Monday, Nov 20th, 2023, 11:30 a.m.-1:00 p.m.

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Monday, Nov 20th, 2023, 11:30 a.m.-1:00 p.m. | Marquis A-B

Atlanta Marriott Marquis

CONFERENCE AWARDS LUNCHEON: DSI 2023 Conference Awards Luncheon

This luncheon features all conference awards including recipients of the Instructional Innovation, Best Papers, Buffa Doctoral Dissertation, Best Case Studies, Showcases and Best Chapter Presentation Awards.

Monday, Nov 20th, 2023, 1:00-6:00 p.m.

BOARD MEETING: Decision Sciences Institute Board Meeting

A meeting of the members of the DSI Board of Directors.

Members: Natalie Simpson (University at Buffalo), Victor Prybutok (University of North Texas), Anthony Ross (University of Missouri), Pamela Rogers (Stephen F. Austin State University), Pedro Martinez Reyes (Baylor University), Khaled Alshare (Qatar University), Bart MacCarthy (University of Nottingham), Carmela Di Mauro (DICAR - Università di Catania), Jason Deane (Virginia Tech), Marco Sartor (University of Udine), Ravi Srinivasan (Loyola University), Asil Oztekin (UMASS-Lowell), Karen Eboch (Bowling Green State University), Vivian Landrum (Decision Sciences Institute)

Chair: **David Dobrzykowski**, *University of Arkansas*

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