

# Conference Tracks

## **Behavior in Operations Management (BOM)**

*Bradley Staats, University of North Carolina Chapel Hill [bstaats@unc.edu]*

The focus of this track is the analysis of human behavior with relevance to operations management. Examples include behavioral drivers of operational performance, decision making, social preferences and team dynamics & collaboration. Research submitted to this track should have a clear operations context. All research methodologies are welcome.

## **Closed-Loop Supply Chains (CLSC)**

*Amelia Carr, Bowling Green State University [ascarr@bgsu.edu]*

Closed-loop supply chains are designed and managed to explicitly consider the reverse and forward supply chain activities over the entire life cycle of the product. Papers utilizing all types of methodologies to analyze closed-loop supply chain management principles in the context of environmental sustainability are invited.

## **Economic Models in Operations Management (EMOM)**

*Ali Parlakturk, University of North Carolina Chapel Hill [Ali\_Parlakturk@kenan-flagler.unc.edu]*

*Yen-Ting Lin, University of San Diego [linyt@sandiego.edu]*

We invite submissions that explore economic models in operations management. Submission topics include (but are not limited to) industrial organization theories investigating strategic interactions between firms and policy makers; game theory applications involving cooperative or non-cooperative behavior; contract design problems under asymmetric information; procurement auctions; pricing; and consumer behavior, etc.

## **Empirical Research in Operations Management (EROM)**

*Vidya Mani, Penn State University University Park [vmani@psu.edu]*

*Anand Nair, Michigan State University [nair@bus.msu.edu]*

Submissions in this track should focus on empirical methodology and application research, and operations or supply chain management research. Specifically, the research should be based on data from sources including but not limited to case studies, controlled experiments, archival records, surveys and simulations. The data could be from any industry including retail, manufacturing, financial, wholesale, and other services, etc. The reported research should apply or advance operations and supply chain concepts and should provide insights helpful to make strategic and operational decisions. Keywords: Econometrics, Time series, Retrospective, Path analysis, Statistics, Analysis of Variance, Case Study, Cluster Analysis, Content Analysis, Empirical Methodology, Data Envelopment Analysis, Event Study, Factor Analysis, Moderation, Mediation, Profile Deviation, Regression, Simulation, Structural Equation Model, Critical Incident, Cross Section, Experiment, Longitudinal, Panel, Population, Sample, Scale Development, Survey, Operations Strategy.

## **Energy and Natural Resources (ENR)**

*Ozge Islegen, Northwestern University Kellogg School of Management [o-islegen@kellogg.northwestern.edu]*

We invite submissions from scholars and practitioners on research topics related to energy and natural resources such as renewable/alternative energy integration, wind and solar energy modeling/forecasting, energy supply chains, energy policy/regulation, energy efficiency, demand response management, smart grid operations, power generation and scheduling, energy storage, transmission and distribution networks, energy finance, oil and gas production and distribution, land use planning, water management, biodiversity conservation, industries

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related to natural resources such as fisheries, forestry, agriculture, mining and tourism. All methodologies including theoretical, empirical, case and field studies are welcome.

## **Environmental Operations Management (EOM)**

*Gokce Esenduran, Ohio State University [esenduran\_1@fisher.osu.edu]*

*Paolo Letizia, University of Tennessee Knoxville [pletizia@utk.edu]*

The Environmental Operations Management track focuses on research that examines the integration of environmental concerns in firms' operational decisions. Topics relevant for the track include, but are not limited to, environmental innovations, product and supply chain design for environment, waste, pollution, and emissions reduction, environmental accidents, environmental degradation, sustainable transportation, etc. The track is open to papers based on all types of methodologies, including theoretical, empirical, and field based research.

## **General/Emerging Topics in Operations Management (GEOM)**

*Sinan Erzurumlu, Babson College [serzurumlu@babson.edu]*

We invite submissions that apply operations management principles to emergent themes. The submissions should highlight how OM principles and techniques have enhanced practice in new areas and industries, e.g., sports, entertainment, robotics, transport services, sharing economy, new technology driven hospitality services, and family owned businesses. We welcome papers based on all types of methodologies, including theoretical, empirical, and field-based research, as well as interdisciplinary and applied approaches.

## **Global Supply Chain Management (GSCM)**

*Suresh Muthulingam, Penn State University State College [sxm84@psu.edu]*

*Anupam Agrawal, Texas A&M University College Station [anupam@tamu.edu]*

As the world becomes more globalized, supply chains of most companies span over many continents, and increasingly, developing economies. Global supply chain challenges could include, among others, distributed sourcing of resources and materials, global manufacturing operations, and sourcing of design and innovation capabilities. Multiple countries can provide sources of demand. Also, these supply chains can have multiple stakeholders such as governments, competitors, non-profit governmental organizations, and peer companies. We invite papers that are clearly motivated and informed by industry challenges and advance our knowledge on management of global supply chains. We are open to a variety of research methodologies (e.g., analytical modeling, empirical analysis, and extensive field-base case studies) and a wide range of manufacturing and service industries.

## **Healthcare Operations Management (HOM)**

*Sarang Deo, Indian School of Business [sarang\_deo@isb.edu]*

*Anita Tucker, Brandeis University [atucker@brandeis.edu]*

Submissions are invited that highlight the effectiveness of operations management in improving performance by enhancing the processes and systems critical to the delivery of healthcare. All research methodologies are welcome. We seek a mix of research papers that highlight the variety of healthcare operations management approaches tackling both well-known and emerging challenges: (1) research that addresses operations management issues motivated by the healthcare industry, in order to build theoretical knowledge benefiting the greater operations management community; (2) research that adapts operations management techniques in fundamentally novel ways to address healthcare operations issues; (3) and research that applies existing operations management knowledge to solve healthcare issues at

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one or more healthcare organizations, and therefore demonstrates direct and implementable relevance to other healthcare providers.

## **Humanitarian Operations and Crisis Management (HOCM)**

*Paulo Goncalves, University of Lugano [paulo.goncalves@usi.ch]*

*Burcu Balcik, Ozyegin University [burcu.balcik@ozyegin.edu.tr]*

We invite quality submissions within the scope of humanitarian and not-for-profit operations in its broad sense. We welcome submissions that are focused on building novel POM theory tailored to humanitarian and not-for-profit organizations as well as submissions in applied areas related to humanitarian and not-for-profit management (such as training and education, epidemics and infectious diseases, nutrition, food banks, seed banks, water and sanitation, shelter and security, environmental adaptation, social entrepreneurship and innovation, etc.). Issues that are particularly relevant to these operations include but are not limited to: resource allocation, staffing, inventory management, procurement, supplier selection, logistics, distribution, funds allocation, pricing, performance measurement, coordination among donors and/or recipient organizations, fundraising mechanisms, management of donations, beneficiary needs, etc. We are open to modeling, simulation, empirical, and conceptual papers as well as case studies.

## **Information in Operations Management (IOM)**

*Rahul Basole, Georgia Institute of Technology [basole@gatech.edu]*

*Amit Mehra, University of Texas Dallas [Amit.Mehra@utdallas.edu]*

Submissions to this track should focus on operational aspects related to the development and management of information flows and information systems in operations.

## **Innovation, Learning and Technology Management (ILTM)**

*Bilal Gokpinar, University College London [b.gokpinar@ucl.ac.uk]*

*Fabian Sting, Rotterdam School of Management [fsting@rsm.nl]*

This track focuses on organizational value creation and value capture through new products or services, new business models, new processes, learning, and technological developments. We invite submissions exploring these issues with all types of methodologies (i.e., analytical, empirical, experimental, simulation-based, etc). Topics of interest include, but are not limited to, product development, innovation process, service design, learning curves, organizational learning, technology strategy, identification and commercialization of new technologies, and the management of the R&D process. While the track emphasizes innovation, learning, and technology management with an operations focus, given the multidisciplinary orientation of these domains, we also welcome submissions with close ties to other areas of management.

## **Inventory Management (INVM)**

*H. Sebastian Heese, Ebs Business School [sebastian.heese@ebs.edu]*

The Inventory Management Track invites submissions of research on inventory and capacity related topics in manufacturing, service, and retailing operations, including research at the interface of inventory and marketing, finance, and other disciplines. In addition to mathematical models and empirical studies, best practices, case studies, tutorials, and panel discussions are also welcome.

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## **Manufacturing Operations (MANF)**

*Anand Paul, University of Florida [paulaa@ufl.edu]*

*Chung-Piaw Teo, National University of Singapore [bizteocp@nus.edu.sg]*

Manufacturing and Operations management plays a critical role in producing and delivering goods and services to customers. It involves planning, designing, controlling and improving the organization's resources and processes to transform capital, skills, and materials into products and services. Effective management of operations enables companies to gain a competitive advantage by creating cost leadership, exceptional quality, quick response to customer needs, and on-time delivery of products and services to market. It is important that any manufacturing and operations strategy be aligned with the overall business strategy. This track will focus on theoretical and managerial issues in the field of manufacturing and operations management, including capacity planning, sales and operations planning, collaborative planning and forecasting, automation in manufacturing systems, socially responsible and sustainable operations, project management and scheduling, manufacturing and operational flexibility, agile manufacturing, facility location and network design, facility layout, and enterprise resource planning, etc.

## **Marketing and Operations Management Interface (MOMI)**

*Tolga Aydinliyim, Baruch College [Tolga.Aydinliyim@baruch.cuny.edu]*

*Eren Cil, University of Oregon [erencil@uoregon.edu]*

We invite submissions that investigate managerial issues at the interface of operations management and marketing. Whereas operations management typically deals with supplying goods and services efficiently, marketing mostly focuses on how to generate and sustain demand for goods and services. Research at this interface should consider both the demand and supply sides by appropriately incorporating consumer preferences to demand models, which in turn, influence the operational decisions on the supply side. Consistent with the POM journal's mission, we welcome submissions that utilize a variety of methodologies, including but not limited to quantitative/qualitative modeling, empirical data analysis, and simulation.

## **Panels, Tutorials, Meetings (MEET)**

*Ken Klassen, Brock University [kklassen@brocku.ca]*

Meetings, Tutorials, Meet the Editor, Special Sessions

## **Purchasing and Supply Management (PSM)**

*Tobias Schoenherr, Michigan State University [schoenherr@bus.msu.edu]*

*Kaitlin Wowak, University of Notre Dame [katie.wowak@nd.edu]*

Purchasing and supply management is crucial for the effective and efficient operation of manufacturing and service firms. This track invites presentations that advance knowledge and theory of practices evolving in the field of purchasing and supply management. Topics of interest in this track include, but are not limited to, strategic sourcing, supply networks, relationship management and buyer-supplier relationships, supplier innovation, supplier development, electronic procurement, contracting, services purchasing, behavioral issues, public procurement, and green procurement. This track welcomes both empirical and analytical papers.

## **Retail Operations Management (ROM)**

*Howard Hao-Chun Chuang, National Chengchi University [chuang@nccu.edu.tw]*

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*Olga Perdikaki, Texas A&M University College Station [operdikaki@mays.tamu.edu]*

This track focuses on all topics related to the retailing industry. Themes that are of interest include (but are not limited to): retail assortment planning, inventory planning, retail store design, retail network design, Internet and multi-channel retailing, and retail supply chain management. Submissions of papers on the role of technology in retail operations (e.g., RFID technology or Business Analytics) and on the interface of retail operations with other functions (e.g., finance or marketing) are also encouraged. The track is open to papers based on all types of methodologies, including theoretical, empirical, and field based research.

## **Revenue Management and Pricing (RMP)**

*So Yeon Chun, Georgetown University [sc1286@georgetown.edu]*

*Benny Mantin, University of Waterloo [bmantin@uwaterloo.ca]*

The area of Revenue Management and Pricing (RMP) has gained popularity in recent years both from academic and practical perspectives. While new and innovative solutions are being developed, we witness a growing complexity in the interaction between consumers and firms. We strongly encourage submissions on the growing spectrum of interests in RPM—applications in new industries, analytical models, interactions with other business streams (e.g., marketing, finance), empirical methods, as well as behavioral aspects in RMP.

## **Scheduling and Logistics (SCHL)**

*Zhi-Long Chen, University of Maryland [zchen@rhsmith.umd.edu]*

Scheduling and logistics are important fields in operations management. Major topics in these fields include, but are not limited to, production planning, machine scheduling, supply chain scheduling, workforce and appointment scheduling, transportation planning and vehicle routing, warehousing, cargo handling, transshipments, material flow, coordination of production and distribution, and other aspects of production and transportation operations.

## **Service Operations (SOM)**

*Gregory Heim, Texas A&M University College Station [gheim@mays.tamu.edu]*

*Michael Katehakis, Rutgers University [mnk@rutgers.edu]*

We invite submissions from scholars and practitioners interested in all aspects of research, teaching, and practice in Service Operations Management. Subjects may include, but are not limited to: service measurement, service productivity, service supply chains, product-service systems, service science, service design, service quality, service recovery, lean service, IT-enabled services, e-service, management of service technology, service innovation, service analytics, service organizational design and structures, service value, performance management systems in services, coordinating service strategy and operations, service outsourcing implications, behavioral service operations, global service operations, non-profit services operations, public services operations, interdisciplinary service studies, service practice, and teaching service operations. We welcome all research methodologies, including theoretical, empirical, case studies and field studies, presentations from practitioners, and papers on teaching service operations. Tutorials and panel sessions are also encouraged.

## **Socially Responsible Operations (SRO)**

*Robert Swinney, Duke University Durham [robert.swinney@duke.edu]*

*Yanchong Zheng, Massachusetts Institute of Technology [yanchong@mit.edu]*

The Socially Responsible Operations Track welcomes papers that address the social impacts of

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operations and supply chains, e.g., responsible sourcing, chemical management, supply chain transparency, health and welfare impacts, the application of operations and supply chain management principles in developing economies, to name a few examples. We welcome research based on a variety of methodologies such as mathematical models, lab or field experiments, empirical research based on primary or secondary data, and practice-focused research.

## Supply Chain Analytics (SCA)

*Xiajun Pan, University of Florida [amy.pan@warrington.ufl.edu]*

*Dorothee Honhon, University of Texas Dallas [dorothee.honhon@utdallas.edu]*

We invite submissions that explore various managerial issues in supply chains related to the flow of materials, information and money, in order to draw managerial insights into improving supply chain performance. The focus of this track is on papers which include a strong data-driven analytics component. We welcome both modeling and empirical research work with analytical applications and use of big data in supply chain settings.

## Supply Chain Management (SCM)

*Lauren Lu, University of North Carolina Chapel Hill [lauren\_lu@unc.edu]*

*Ann Marucheck, University of North Carolina Chapel Hill [ann\_marucheck@unc.edu]*

We invite submissions that explore various managerial issues in supply chains. To gain competitive advantage in today's complex global markets, it is crucial for firms to carefully manage and coordinate three essential flows of supply chains: materials, information, and finances. We welcome theoretical research that develop models or tools to analyze these essential flows and draw managerial insights into improving supply chain performance. We welcome all types of research, including analytical, empirical, behavioral experimentation and field-based, as well as interdisciplinary approaches.

## Supply Chain Risk Management (SCRM)

*Christoph Bode, University of Mannheim [bode@bwl.uni-mannheim.de]*

*John Macdonald, Michigan State University [macdonald@broad.msu.edu]*

We encourage well-communicated research submissions on the broad theme of risk management and resilience in supply chains. Areas of study may include, but are not limited to, disruptions or risks associated with financial, interfirm relationship, operations/production, quality, reputation, sourcing, sustainability, and transportation/distribution activities, as well as the strategies/tactics to prevent, manage, or recover from these risks. We welcome research papers based on all types of rigorous approaches and methods: analytical, behavioral, empirical, experimental, field-based, interdisciplinary, and theoretical.

## Teaching/Pedagogy in P/OM (TPOM)

*Vidyaranya Gargeya, University of North Carolina Greensboro [vbgargey@uncg.edu]*

*Larry Taube, University of North Carolina Greensboro [lrtaube@uncg.edu]*

The Teaching/Pedagogy in P/OM track is focused on research, practices, and new ideas in, but not limited to, the following aspects of teaching production and operations management: (1) development and delivery of new courses/curriculum that prepares students for essential skills for the 21st century, (2) innovative delivery methods for new or existing courses, (3) development and delivery issues concerning online courses, including Massive On-line Open Courses (MOOCs), and other new approaches, (4) course design for student-centered learning,

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(5) innovative teaching strategies for student engagement and retention, (6) technology tools for effective student learning, (7) lessons learned from new teaching strategies, (8) outcomes based course design including Assurance of Learning (AoL), (9) integration of material within and across courses, disciplines, and programs, and (10) enhancement of practice/experiential learning. The presentations will be in the form of papers, panel discussions, and workshops. The co-chairs of the track are also looking to create Invited Sessions for any of the above aspects. If you have a particular interest in one aspect, and are willing to organize a session revolving around that topic area, please contact one of the two co-chairs by November 1, 2015. We are presently looking for either Organizers or Session Chairs for the following nine Invited Sessions; if you are interested in serving in those roles, please contact us! Innovations in Teaching Supply Chain Management Courses/Topics, Innovations in Teaching Sustainable Management Courses/Topics, Innovations in Teaching Operations Research/Management Science Courses/Topics, Innovations in Teaching Case Studies and Analysis Courses/Topics, Development and Delivery of Online Courses, Integration of Operations Topics across Programs and/or Courses, Outcomes-Based Course Design and Assurance of Learning, Enhancement of Student Learning in Practice/Experiential Courses, Teaching Project Management: Content and Methods for Elevating Project Management Curriculum (co-chairs are Gary Mitchell and Ted Klastorin)