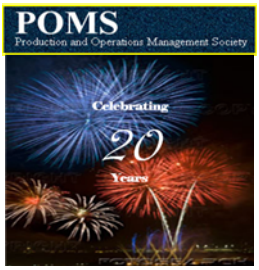

Production & Operations Management Society

20th ANNUAL INTERNATIONAL CONFERENCE

Orlando, Florida

May 1 – 4, 2009

Track Description and Track Chair Listing

Benchmarking, Performance Measurement & Improving Supply Chain Performance
Track Chair: Dana M. Johnson, Michigan Technological University, dana@mtu.edu

The world is a global marketplace with special challenges of dealing with multiple suppliers and customers with different needs and in various geographic locations. Organizations need to manage their processes so as to make sure they are effective and efficient, yet recognize how the global context changes how we may measure performance. Benchmarking focuses on comparing intra- and/or inter-industry standards for specific processes and track outcomes through business and operational performance measurements. In addition to intra- and inter-industry benchmarking, there are multiple types of benchmarking a firm can employ. Which types lead to high-performers and which types allow for merely "staying in the game"? All organizations deal with suppliers and those that provide a combination of high quality (Q), on-time delivery (D), and reasonable price (P) are maintaining their current position. What supplier performance measures beyond PDQ are critical for improved buying which impacts firm performance? Case studies, theoretical frameworks, and empirical research are sought after for this track..

Keywords: benchmarking, performance measurement, operations strategy, supply chain performance, intra-industry, inter-industry, process management, continuous improvement, lead benchmarking, functional benchmarking, process benchmarking, product benchmarking, strategic benchmarking, performance benchmarking, financial measures, operational measures.

Disaster Management
Track Chairs: Martin K. Starr, Rollins College, mstarr@cfl.rr.com and Sushil Gupta, Florida International University, guptask@fiu.edu

Educational Issues in Operations Management
Track Chairs: Doug Moodie, Kennesaw State University, dmoodie@coles2.kennesaw.edu and Paul Schikora, Indiana State University, schikora@indstate.edu

We are interested in all submissions that address educational issues in OM, from both the academic and practitioner side. We welcome submissions such as case studies, classroom exercises, assignments, and other papers that address current and relevant issues in the development and presentation of modern OM curricula or professional development programs. In keeping with this year's theme, we particularly encourage submissions that address the unique opportunities and challenges that the global market brings to educators in the OM arena. Just a few such topic examples would include coordination of multinational supply chains, effects of social and cultural differences when expanding operations to new countries, ethical and legal issues in cross border operations, and multinational supply network design. It is our hope to attract quality submissions from educators across the globe to provide a broad perspective of educational issues from various nations.

Keywords: Educational issues in operations management; Case studies; Classroom exercises; Classroom games, Operations management homework assignments; Global issues in operations management; Supply chain education; International operations management practices.

Emerging Topics in OM
Track Chair: Kyle Cattani, Indiana University, kcattani@indiana.edu

Empirical Research in Operations Management
Track Chairs: Carol Prahinski, Michigan State University, prahinski@bus.msu.edu and Gopesh Anand, University of Illinois Urbana-Champaign, gopesh@uiuc.edu

Submissions in this track should focus on empirical methodology 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 reported research should apply or advance operations and supply chain concepts and should provide insights helpful to make strategic and operational decisions. Given the overall theme for POMS 2009, "Global Challenges and Opportunities", submissions focusing on empirical investigations of operational and strategic decisions across international boundaries are encouraged.

Keywords: 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, Operational Decisions, Operations Strategy, Supply Chain.

Facility Logistics Management
Track Chair: René (M) B. de Koster, Rotterdam School of Management, Erasmus University, rkoster@rsm.nl

Facility logistics management deals with designing, planning, organizing and managing flows within facilities. Facilities include plants, warehouses, terminals, cross docks, airports, hospitals, etcetera, and flows can be products, but also documents or people. Prime objective is delivering performance, i.e. efficiency, flexibility, quality and service and, increasingly, green and social performance. Within a globalizing world the role of these facilities has changed. Consolidation is taking place, with more complicated, larger scale processes. Managing such processes is an ongoing challenge. We look for submissions covering facility design, layouts, material handling technologies, storage and retrieval systems, managing flows, managing human factors, ergonomics, facility 'greening', and others. Contributions concerning all above-mentioned facility types are welcomed.

Keywords: Facility design and layout; manufacturing; warehouse management; storage and retrieval; human factors; green facilities.

General Track in OM
Track Chair: Kyle Cattani, Indiana University, kcattani@indiana.edu

Global Supply Network Security
Track Chair: Batoul Modarres, United Arab Emirates University, batoul@uaeu.ac.ae

Healthcare Operations
Track Chair(s): Craig Froehle, University of Cincinnati, craig.froehle@uc.edu, Vikram Tiwari, University of Houston, vtiwari@uh.edu and Erwin W Hans, University of Twente, e.w.hans@utwente.nl

For the Healthcare Operations track, we seek submissions globally that highlight the effectiveness of operations management in improving overall patient outcomes by enhancing the processes and systems critical to healthcare delivery. While traditional issues ailing healthcare – inefficiencies, waste and redundancy, inadequate resources – remain unsolved, newer issues such as ever-decreasing reimbursements, conflict-of-interests among healthcare providers, pay-for-performance, private versus public financing of healthcare, etc. keep making the processes surrounding the delivery of care more complicated. Addressing these challenges requires developing and applying knowledge and skills within the operations management domain to the healthcare industry. We seek a mix of research papers that highlight the international variability of healthcare operations in tackling both well-known and emerging challenges: (1) research that addresses operations management issues motivated by healthcare industry, in order to build theoretical knowledge benefitting 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 one or more healthcare organizations and therefore demonstrates direct and implementable relevance to other healthcare providers.

Keywords: Patient and process flow modeling, analysis, and improvement; Scheduling models for staff, patients, or resources (e.g., operating rooms); Clinical capacity planning/management; Behavioral operations in healthcare delivery systems; Operations strategy in the healthcare sector; Healthcare logistics / supply chain management, including response to epidemics and pandemics; Quality and safety improvement in healthcare; Managing and forecasting patient demand; Designing and improving healthcare delivery environments and patient experiences; Knowledge transfer and learning in healthcare organizations; New product development in medical, pharmaceutical, and healthcare-related industries; Technology innovation

and diffusion in healthcare; Analytical and empirical models of adoption of IT initiatives (EMR, CPOE, eMAR etc.) in healthcare organizations at local/regional/state-wide level; Application of Lean methodology in healthcare; Medical outcome measurement; Evidence-based delivery of medical care; Models of healthcare finance, including payer-provider issues; Competition in healthcare.

Human Behavior & Behavioral Dynamics in OM

Track Chairs: Elliott Bendoly, Emory University, elliott_bendoly@bus.emory.edu and Henrique Correa, Rollins College, hcorrea@rollins.edu

We would like to invite papers on all aspects of human behavior and behavioral dynamics and, their impact in operations and global supply chains research and practice. Examples of topics can include "Contracts, collaborations and projects", "Social networks and Intelligence", "Human behavior in operations strategy execution" and "Effects of human behavior in the transferability of practices across cultures." Along with the recent emergence of the new POMS College of Human Behavior in Operations Management, we plan to build on our 2008 momentum in developing an excellent program for our 2009 meeting. Descriptive, theory building, theory testing and case-grounded papers based on rigorous research methodologies are all welcome. Full CFP posted at : www.ombehavior.com and www.poms.org

Keywords: Human Behavior; Behavioral Dynamics; System Dynamics; Behavioral Economics; Laboratory Experiments; Psychology; Social Dynamics; Field Observations; Practice.

International & Global Operations

Track Chair: Doug Moodie, Kennesaw State University, dmoodie@coles2.kennesaw.edu

We welcome all submissions that address global issues in OM, from both the academic and the practitioner side, and especially those that address both sides. This track encompasses the conference theme this year. We welcome submissions such as case studies, theory development, practical analysis, and other papers that address current and relevant issues in global OM. Just a few such topic examples would include coordination of multinational supply chains, effects of social and cultural differences when expanding operations to new countries, ethical, political, and legal issues in cross border operations, and multinational supply network design. Two very topical issues, for example, might be how firms deal with rapid rises in transportation costs, and how to design supply chains to handle political disruptions, such as the Russian invasion of Georgia. We also welcome papers describing OM practices in countries outside the US, and comparisons of OM practices between different countries. It is our hope to attract quality submissions from researchers and managers across the globe to provide a broad perspective of OM issues from various nations.

Keywords: Global issues in operations management; International case studies; International supply chain disruptions; Global supply chains; International operations management practices; Political, ethical, and legal issues in global operations; Adapting standard OM practices to global realities; Adjusting supply chains for increasing transportation costs; Comparison OM practices in particular countries.

Inventory Management

Track Chair(s): Metin Cakanyildirim, University of Texas Dallas, metin@utdallas.edu and Gregory Graman, Michigan Technological University, greggraman@hotmail.com

This track aims to create a broad base of submissions in the area of inventory management. At its core, inventory management typically focuses on trade-off analysis to compare consequences associated with more, or less, of an activity. The activities include, but are not limited to, production and inventory planning, purchasing, storage, information collection, physical counting, pricing, financing working capital, and marketing. Inventory research can study the connections between these activities. Studies can also focus on a single activity with a goal of modeling it as realistically as possible by removing assumptions made for convenience. In this process, empirical data/studies driving practical intuition for the significance of assumptions are particularly important. In addition to mathematical models and empirical studies, best practices and case studies are also important for this track as they enforce, correct and/or detail our understanding of real-life inventory systems.

Keywords: Models with partial information on demand, capacity, quality, etc; Models that work with richer information supplied by RFID tags; Demand learning and forecasting models for production and inventory control; Risk-informed inventory management; Inventory models for risk mitigation; Inventory management under purchase price trend/uncertainty; Interface of inventory management and financing; Joint pricing and inventory inventory management; New issues in inventory models; Multi-echelon/multi-item production and inventory systems; Distribution and assembly systems; Approximations and heuristics

for management; Warehouse management; Inventory management software; Applications of inventory models; Empirical justification of known inventory models; and Best inventory management practices.

JIT and Lean Systems

Track Chairs: Rachna Shah, University of Minnesota, shahx024@umn.edu and Kevin Watson, University of New Orleans, kwatson@uno.edu

This track provides a forum for research addressing JIT and Lean Systems from both an academic and practitioner perspective. We welcome submissions concerning all aspects of JIT and Lean Systems, including but not limited to implementation issues, inventory policies, performance evaluation, product design, production planning and control, and strategic implications. In terms of content, papers may pursue either theory building or theory testing, adopt a domestic or international focus, and be in manufacturing or service industry. We attach no priorities to the type of empirical study conducted (e.g., qualitative and comparative case-based research, survey research, laboratory experimentation, critical incident and event studies, etc.) or to the methodology employed in analyzing the data (e.g., ethnography, content analysis, econometrics, psychometric methods, first or second generation multivariate methods, etc.). In keeping with this year's theme, we particularly encourage submissions addressing unique challenges and opportunities faced by those who seek to introduce JIT/Lean production systems into new culturally or geographic distinct areas or those that seek to maintain such systems in an increasingly complex and extended global supply chain.

Keywords: cellular manufacturing; case study; CONWIP; employee training; employee turnover; implementation issues; inventory control; JIT; JIT II; kanban; Lean; lot-sizing; mixed-model production; performance evaluation; product design; production control; setup time reduction/SMED; strategy; synchronous manufacturing; system design; target costing; total productive maintenance; and Toyota Production System.

Logistics Applications in the Public Sector

Track Chairs: Martha Cooper, The Ohio State University, cooper_7@fisher.osu.edu and Pam Donovan, Air Force Institute of Technology, pamela.donovan@afit.edu

Logistics Management

Track Chairs: John E. Tyworth, Penn State University, jet@psu.edu and Jack Crumbly, Jackson State University, jackcrumbly@hotmail.com

Energy costs, port and highway congestion, and transportation infrastructure, mode choice, and maritime logistics have become increasingly important logistics management issues. Logistics strategies for emerging economies and contingency planning for catastrophes are also of keen interest. Other important issues include logistics visibility and control, risk mitigation strategies, reverse logistics, and third-party logistics services. The goal of this track is to receive a diverse set of submissions that are specifically concerned with global challenges and opportunities for logistics management.

Keywords: logistics management, energy, congestion, transportation infrastructure, mode choice, maritime logistics, emerging economies, contingency planning, visibility and control, risk mitigation, reverse logistics, third-party logistics.

Managing Disruptions in Supply Chains

Track Chairs: Kathryn E. Stecke, University of Texas at Dallas, kstecke@utdallas.edu , Thomas G. Schmitt, University of Washington at Seattle, glennsch@u.washington.edu and Sanjay Kumar, Pennsylvania State University at Erie, sxk89@psu.edu

Supply chain trends such as globalization, decentralization, and a focus on efficiency, which may result in vulnerable supply chains, impact the need to address supply chain disruptions. Recent high economic and human catastrophes such as 911, SARS, and hurricanes have motivated research in the area. In line with this year's theme, Global Challenges and Opportunities, we invite submissions that address supply chain disruptions in global as well as local supply chains. Issues of interest include disruptions mitigation in product development, manufacturing, transportation, storage, and demand. Also relevant is research dealing with policies, at government as well as company levels, which impact a supply chain's ability to manage disruptions. Case studies outlining mitigation strategies of a company or comparisons between companies are welcome. Studies on the impact of terrorist or natural catastrophes on infrastructure are relevant.

Keywords: Supply chain disruptions, risk management in supply chains, catastrophe mitigation, disruptions mitigation strategies, supplier selection strategies, inventory policies under uncertainty, terrorist threats, natural catastrophes, government policies to

avoid and mitigate terrorist attacks, impact of disruptions on infrastructure, case studies on disruptions, assessing the impact of a catastrophe.

Operational Advantage Group (OAG)
Track Chair: Rafael Menda, Mcneil Consumer Healthcare, rmenda@gmail.com

We are inviting academics to share their experiences in working with practitioners on collaborative research, highlighting the rewards and pitfalls of industry-academia interaction. Research employing case study and action research methodologies will be most suited for this track. However, rather than the content of the research, the focus of the paper should be on the unique opportunities created through this kind of work. Naturally, this track is also open to practitioners who may have collaborated with academia to solve a business problem, and, in the process, have created new knowledge. Co-authored papers are especially encouraged. Authors can use completed projects, on-going research, or even planned projects that could benefit from feedback from practitioners and other academics in the audience. (The mission of the OAG, an interest group of POMS, is to achieve an inclusive organization that brings together academics and practitioners from many countries who are devoted to furthering cooperation and interactions between the two groups.)

Keywords: Industry-academia collaboration; Collaborative research; Action research; Case study; Field-based research; Field experiment; Real-world application; Impact on business practice; Reality of organizational settings.

Operations Management/Marketing Interface
Track Chairs: Kathryn E. Stecke, University of Texas at Dallas, kstecke@utdallas.edu and Xuying Zhao, University of Notre Dame, xzhao1@nd.edu

Marketing decisions and strategies can change demand significantly. Demand changes can have a great impact on operations management. Issues concerning operations management and marketing interfaces can be critical to a firm's profits. The objective of this track is to encourage submissions in all areas of the OM/Marketing interface.

Keywords: Pricing; Quality; Service Levels; Lead Time Considerations; Inventory Management; Location; Capacity; Market Segmentation; Sales Effort; Rebates; Returns; Supply Chain Management; Marketing Strategies

POM's Challenges in Latin America and Caribbean
Track Chair: Afonso Carlos Corrêa Fleury, Universidade de São Paulo, acfleury@usp.br

Consider the current situation of industry in LA&C. Since the early 1990s, the developed country multinationals restructuring processes have forced changes to the roles played by their subsidiaries, according to local resources and capabilities. At the same time, local firms have started to change their strategic orientation. Some of them have become multinationals themselves, while others have become more connected into extended supply chains and networks. In the service sector, wide restructuring movements have been observed, affecting the financial systems, the health systems, energy systems, among others. We seek relevant contributions to the solution of the new set of emergent problems in these restructurings.

This track is open to articles which demonstrate the development and/or application of POM's philosophy, concepts and techniques to problems which are typical of Latin America and Caribbean. The common feature of those submissions is the geographical region to which POM is applied.

Product Innovation and Technology Management (PITM)
Track Chairs: Tyson Browning, Texas Christian University, t.browning@tcu.edu and Kaushik Sengupta, Hofstra University, Kaushik.Sengupta@hofstra.edu

The PITM track's focus is aligned with the mission statement of the POMS College of Product Innovation and Technology Management (PITM). The track welcomes presentations which address the management of the creation and application of rapidly changing technologies as well as the development and launch of innovative new products. As the global economy shifts to one driven by technology, innovation, and information, companies are confronted with new operational questions and issues. In conjunction with this year's theme for the general conference, we especially welcome presentations that treat these topics in the context of global and multi-national operations.

Keywords: Project Management; Product, process, service, and business-model innovation; Design, engineering, and introduction of new offerings; Technology innovation, diffusion and transfer; Identification and commercialization of new technologies; Dynamics of innovation; Impact of technology on the nature of competition; Technology strategy; Technology change and uncertainty; R&D management; Managing a firm's resource-based capabilities; Knowledge management; Adoption and implementation of new technology; Managing technology within and between firm boundaries; Technology and the organization; Product versus process technology development and integration; Technology development and process

improvement; Performance measurement and the justification of new technology; Entrepreneurship; Intellectual property and patents; Technology forecasting; Technology and environmental sustainability; Social networks and the diffusion of innovation.

Project Management and Econometrics
Track Chair: Larry White, Eastern Illinois University, lrwhite2@eiu.edu

Purchasing
Track Chairs: Tobias Schoenherr, Michigan State University, Schoenherr@bus.msu.edu and Sachin Modi, University of Toledo, Sachin.Modi@utoledo.edu

The purchasing track invites all submissions related to purchasing/sourcing/procurement. Consistent with this year's theme, we especially encourage submissions that deal with global challenges and opportunities in purchasing. Possible topics include, but are not limited to the following: global sourcing, global supplier management, supply risk mitigation and management, supply base design, supplier development, supplier involvement in new product development, including intellectual property issues, supplier collaboration, supplier visibility, supplier performance, financial and exchange rate implications for managing global supply, cultural issues, green purchasing, e-procurement and reverse auctions.

Submissions not covering this year's conference theme are also welcome. Traditional issues covered within the purchasing context include, but are again not limited to, the following: purchasing process optimization, policies and procedures, supplier integration for competitive advantage, purchasing within the supply chain organization, commodity strategy, supplier evaluation and selection, supplier quality management, strategic cost management, negotiations, contract management, purchasing law and ethics, procurement of services, governmental procurement, procurement in the services sector, and performance measurement and evaluation. A major objective of this track is to create a broad base of submissions in the area of purchasing/sourcing/procurement.

Quality Management
Track Chairs: Robert Vokurka, Texas A&M University – Corpus Christi, robert.vokurka@tamucc.edu and Don Wardell, University of Utah, don.wardell@business.utah.edu

Consistent with this year's theme, we encourage submissions that deal with global challenges and opportunities in quality management. Quality management has expanded to supply chain management issues and cultural differences. The proper management and control of quality have been shown to be important parts of business success for many years. In the past few decades, several different approaches to quality have been proposed with varied degrees of success. These approaches have been formalized in different "philosophies" (e.g., total quality management and Six Sigma), standards (e.g., ISO 9000) and awards (e.g., the Malcolm Baldrige National Quality Award). In almost every case, the approaches have included some combination of tools and management methods. The quality management track invites basic, applied, and case study research that leads to the development and understanding of improved tools and management methods for quality. We also welcome manuscripts that validate successful approaches through empirical methods.

Keywords: Case Studies in Quality, Six Sigma and Process Improvement, Current State of Quality Management, Customer Focus, Empirical Validation of Quality Tools and Management Methods, Information Management for Quality, Leadership for Quality, Measurement System Evaluation, Process Capability, Process Management and Improvement, Quality Awards, Quality and the Bottom Line, Quality in Education, Quality in Healthcare, Quality in Nonprofit Organizations, Quality in Supply Chain, Quality Philosophies, Service Quality, Six Sigma, Six Sigma and Lean Manufacturing, Statistical Process Control, Strategic Quality Planning.

Role of Technologies in Global Supply Chains
Track Chair: Pedro Reyes, Baylor University, pedro_reyes@baylor.edu

For more than a decade, the effects of technology on supply chain operations have been extensively researched. The technology used in the supply chain operations is critical to the success of delivering products and services to customers. With each technological advance, these supply chain operations continue to be transformed into critical strategies for effective competition. Management must recognize how technology can and will create competitive advantage. While the supply chain operations processes have remained relatively the same over the years and will continue to remain about the same for the next decade, what will continue to rapidly change is how the changing technologies will impact the continued migration from functional to process integration of supply. Of particular interest for this track are initiatives aimed at replenishment and distribution systems for greater effectiveness in a global market. In addition, companies are continuously looking for "new technologies"

to improve service and take costs out of the supply chain; and information communication technologies (ICTs) like radio frequency identification (RFID) have emerged as technologies that promises rewards for all supply chain members.

Keywords: Technology use in Supply Chain Operations; Case studies; Information Communication Technologies; radio frequency identification, Global issues in Supply Chain Management; International supply chain management practices.

Service Operations
Track Chairs: Rich Metters, Emory University, Richard_Metters@bus.emory.edu and Larry Menor, University of Western Ontario, lmenor@ivey.uwo.ca

Strategic Sourcing
Track Chair: Marco Busi, Carisma RCT Ltd., m.busi@carismarct.com

In line with the increasing focus of both industry and academia on global sourcing of products and services, we are interested in submissions that deal with strategic, tactical and operational issues related to the strategic decisions of organisations (public or private) regarding *what, where, why and how* to "make" and/or "buy". Cultural issues as well as infrastructural challenges and opportunities are also of interest. A major objective of this track is to stimulate cross-disciplinary and cross-industry learning. We would hence aim to attract a wide variety of submissions in areas related to strategic and global sourcing of products and/or services regardless of industry or process being outsourced. Case studies will be of particular interest, reporting on experience from private and public sector organisations outsourcing IT, HR, manufacturing, customer service, financial services, logistics, etc. We also aim to share industry experience, and we are planning to put together a panel of industry experts: to this end, we will evaluate both expressions of interest to be part of the panel and key questions/themes that attendees would like to see covered in the session.

Keywords: Strategic Sourcing, Outsourcing, Offshoring, In-sourcing, Back-sourcing, best-sourcing, near-shoring, in-house, make-or-buy, shared services, procurement, supply chain design, *servicization*, sourcing decision making, risks in outsourcing/offshoring, business transformation, core competences, transaction cost theory, resource based view, corporate social responsibility, green outsourcing, front office, back office, middle office, service outsourcing, manufacturing outsourcing, business services, global supply chain design and management, knowledge transfer, suppliers selection, collaborative performance monitoring;

Supply and Value Chain Networks
Track Chairs: Stanley E. Griffis, Air Force Institute of Technology, sgriffis@afit.edu, Chad W. Autry, Texas Christian University, c.autry@tcu.edu and Ben Clegg, Aston University Birmingham, b.t.clegg@aston.ac.uk

We are interested in submissions that deal with the networks present in complex supply chains and value chains--specifically submissions that consider the role network and social network concepts have in explaining the interactions that are present in these environments. Submissions that focus upon structural and relational issues as well as methods of analyzing, detecting, managing, leveraging, and directing these complex networks are of interest. Submissions that explain how networks grow and evolve over time, and how actors and relationships form and are broken are of interest. The impacts of actors inclusion in networks is also of interest.

Keywords: Social networks, network theory, social capital, structural, relational, supply chains, value chains, weak ties, brokerage, closure, betweeness, density.

Supply Chain Management
Track Chairs: Amit Eynan, University of Richmond, aeynan@richmond.edu, Kelly Weeks, Texas A&M University at Galveston, kelly_o_weeks@yahoo.com , Vishal Gaur, Cornell University, vg77@cornell.edu and Michael J. Fry, Cornell University, mjf276@cornell.edu.

Consistent with this year's theme, "Global Challenges and Opportunities," we are interested in submissions that focus on resolving current challenges and identifying new opportunities within supply chain management which handle the flow of information, materials and/or services in order to efficiently transform inputs into outputs, deliver and distribute.

Potential topics/keywords: supply chain design, efficiency and performance, supplier selection and management, outsourcing, product variety/mix, coordination, information management and sharing, RFID, lean supply chains, bullwhip effect, mass customization, product differentiation, inventory/material management and transportation.

Sustainable Operations and Closed Loop Supply Chains

Track Chairs: Atalay Atasu, Georgia Institute of Technology, atalay.atasu@mgt.gatech.edu and Ravi Subramanian, Georgia Institute of Technology, ravi.subramanian@mgt.gatech.edu

Consistent with the objectives of the College of Sustainable Operations, we invite submissions related (but not limited) to strategic, tactical, and operational decision-making within the following topics of interest: Product recovery (reverse or closed-loop supply chains, remanufacturing, product take-back); Reverse logistics (network design, routing); Operations Planning (hybrid manufacturing-remanufacturing planning, inventory management); Product and service design (life-cycle approaches, servicing, installed base management); Interfaces between Operations Management and Environmental Economics (pricing, impact of environmental legislation, contracting); Profitability and market valuation of environmental and societal initiatives; Disaster preparedness and response; Interdisciplinary approaches to sustainability (e.g., Operations-Marketing interface, Operations-Strategy interface). We invite theoretical or applied, and analytical as well as empirical papers, abstracts, panel sessions, and tutorials. Also, we are currently seeking volunteers to organize sessions (each session typically includes 3-5 papers with a common theme).

Keywords: Sustainable, Sustainability, Environment, Collection, Recycling, Product Recovery, Remanufacturing, Refurbishing, Closed-Loop Supply Chains, Reverse Supply Chains, Product Take-Back, Legislation, Disaster, Humanitarian, Installed-Base, Ecology, Life-Cycle, Design, Disposal, Landfill, WEEE, EPR, Extended Producer Responsibility, ARF, Advance Recycling Fee, ELV, End-of-Life Vehicle, ETS, Emissions Trading Scheme, IPP, Integrated Product Policy, Environmental Directives, Carbon Taxes, Triple Bottom Line, Environmental Footprint, CSR, Corporate Social Responsibility, Market valuation, Contracts.