

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 1 (S1T1):
Tutorial Talk

Room: E22-1001
Chair: Prof. Vinod Singhal

Tutorial Talk - Using secondary data in Operations Management empirical research: Overview and research opportunities

*Prof. Vinod Singhal
Dunn Family Professor of Operations Management Scheller College of Business
Georgia Institute of Technology
Atlanta*

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 2 (S1T2):
Data-driven Applications in
Operations Management

Room: E22-1002
Chair: Tong Wang

Data-driven Ad Delivery Planning for Non-guaranteed Targeted Display Advertising
Huaxiao Shen, Jingjing Guan, Yanzhi Li and Kwok Fai Tso*

Estimation and Optimization of Logit Demand Model with Covariates, Censored Data, and Auxiliary Information
*Baiyu Li**

Geo-demand Estimation and Inventory Allocation for New Product in Online Retailing
*Long He and Zhiwei Tony Qin**

Demand Clustering And Inventory Optimization For Fashion Products
*Tong Wang**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 3 (S1T3):
Supply Chain Management III

Room: E22-1003
Chair: Lucy Gongtao Chen

Fairness and Information Provision in Agriculture Supply Chain
Guangrui Ma, Ying-Ju Chen and Yulan Amanda Wang*

Fleet Management Coordination in Decentralized Humanitarian Operations
Sameer Hasija, Alfonso J. Pedraza-Martinez and Luk N. Van Wassenhove*

Direct or Absorption Costing: Does it Matter in the Formation of a Supply Chain
*Renato de Matta**

The Distribution Channel Structure for Competing Supply Chains with Price and Lead-Time Sensitive Demand
Lucy Gongtao Chen and Zhengping Wu*

Day 1: January 9, 2016
(14:00-15:30)

Session 1 - Track 4 (S1T4):
Risk Management I

Room: E22-1008
Chair: Bingcong Zeng

Dynamic Budget Allocations in Operational Risk Management

Yuqian Xu, Lingjiong Zhu and Mike Pinedo*

Risk Pooling and Stock Allocation Under Cost and Demand Uncertainty

Refik Gullu and Nesim Erkip*

The Antecedents and Risk of Environmental Violations in Production: An Empirical Investigation of Chinese Manufacturing Firms

*Chris Lo and Yi Zhou**

A Material Risk Management Approach Based on FMEA Framework

*Bingcong Zeng**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 5 (S1T5):
Supply Chain Management I

Room: E22-1009
Chair: Jian Liu

Optimal Configuration of Cluster Supply Chains base on Hybrid Augmented Lagrange Coordination

*D. X. Nie, T. Qu, X. Chen, George Q. Huang and Kai Kang**

Horizontal Competition: The Implications on Carbon Regulations

Huiqiang Mao, Yanzhi David Li and Zhaowei Miao*

Impact of Supply Chain Orientation on Supply Chain Performance: Are Supply Chain Integration and Supply Chain Agility the missing links?

Amol S. Dhaigude, Rohit Kapoor and Sumit Kumar Ghosh*

Remanufacturer's distribution channel strategy in a supply chain

*Jian Liu**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 6 (S1T6):
Inventory Management I

Room: E22-1014
Chair: Sean Zhou

Nonparametric Intertemporal Allocation of Advertising Budget with Inventory Constraint

Chaolin Yang and Zhijie Tao*

Stochastic Joint Replenishment Problem with Limited Demand Distribution Information

Ye Shi, Yugang Yu and Jiawei Zhang*

The Optimization of JIT Production-Retailer Inventory Model with Learning Effect and Quality Defect

Kai-fang Fu and Zhi-Xiang Chen*

Model and algorithm of multi-stage production-inventory control problem under carbon trading constraint mechanism

Shou-feng Ji and Fan Yang*

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 7 (S1T7):
Logistics and Supply Chain Management

Room: E22-1016
Chair: Houcai Shen

Incentive Issues in the Implementation of Urban Consolidation Centers

Xin Fang and Yun Fong Lim*

Trade-In Price Guarantee: A Triple Bottom Line Perspective

Wenju Niu, Saibal Ray, Mehmet Gumus, Houcai Shen and Shuya Yin*

The Newsvendor Problem under Taxation

Xiutian Shi, Zhan Pang and Houcai Shen*

On Strategic Demand Information Dissemination

Zhongyuan Hao and Li Jiang*

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 8 (S1T8):
Supply Chain Management II

Room: E22-2008
Chair: Jingqi Wang

To Agree Now or Later: Strategic Vertical Bargaining with Limited Capacity and Symmetric Information

Wei Zhang, Reza Ahmadi and Sriram Dasu*

Information Disclosure with Reference-Dependent Consumers

Xu Guan, Yulan Wang and Ying-ju Chen*

OEM selling channels and supply-chain performance

Kevin Jean, Chia-Wei Kuo and Hsiao-Hui Lee*

Decision Structure and Outcomes in Technology Supply Chains

Jingqi Wang, Xiaole Wu and Vish Krishnan*

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 9 (S1T9):
New Topics in OM I

Room: E22-2009
Chair: Huay Ling Tay

Regulatory Pressures and Environmental Dynamism on Green Product Innovation and Performance

Hing Kai Chan and Jing Dai*

Finding clusters in high-dimensional spaces

Yang Zhao, Kwok Leung Tsui and A. K. Shrivastava*

Robust optimization for multimodal location of the hazmat under uncertainty

*Liping Liu and Zipeng Yi**

Examining trade-offs and balances in hospital operations

*Huay Ling Tay**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 10 (S1T10):
Dynamic Pricing

Room: E22-2010
Chair: Peng James Liao

Coordinating Inventory and Pricing Decisions with General Price-Dependent Demands

*Xiaobei Shen, Yimin Yu and Lina Bao**

Integrated Pricing and Production Scheduling Decisions in a Make-to-Order Environment

Qing Yue, Zhi-Long Chen and Guohua Wan*

Pricing and Cooperation in a Duopoly Transportation Market with Empty Equipment Repositioning

Xiaojuan Zhang and Sheng Hao Zhang*

Dynamic Pricing with Channel Substitution and Limited Inventory

*Peng James Liao**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 11 (S1T11):
Healthcare Appointment Scheduling

Room: E22-2013
Chair: Daniel Zhichao Zheng

Appointment Scheduling with Waiting Time Target

Youhua (Frank) Chen, Xing Liu, Jin Qi and Han Zhu*

Scheduling customer arrivals with overbooking in service systems with no-shows

*Christos Zacharias and Michael Pinedo**

Distributionally robust appointment scheduling with random no-shows and service duration

Ruiwei Jiang, Siqian Shen and Yiling Zhang*

Appointment scheduling policies with unpunctual patients

*Han Zhu**

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 12 (S1T12):
New topics in Supply Chain Management

Room: E22-2015
Chair: Biying Shou

Product Line Extensions and Technology Licensing with a Strategic Supplier

Liwen Chen, Steve Gilbert and Yusen Xia*

Heuristics for Base-Stock Levels in Multi-Echelon Distribution Networks

Ying Rong, Zumbul Atan and Larry Snyder*

Fairness in Organ Allocation for Liver Transplantation

Zachary Leung, Mustafa Akan, James Markmann, Sridhar Tayur and Heidi Yeh*

Impact of Social Learning on Consumer Purchasing and Dynamic Pricing

Biying Shou and Xiaolu Zuo*

Day 1: January 9, 2016
(14:00 - 15:30)

Session 1 - Track 13 (S1T13):
Best Student Paper Competition Finalists:
Session I

Room: E22-2017
Chair: Tong Wang

Bank and Retailer Financing for a Capital Constrained Supplier

*Weixiang Huang**, *Yanzhi Li* and *Qiaohai Hu*

Supply Chain Knowledge Flow, Innovation, and Profitability

Hsiao-Hui Lee, *Hai-Ping Hui** and *Po-Hsuan Hsu*

Manufacturer Rebate Competition in a Supply Chain with a Common Retailer

Albert Ha, *Weixin Shang* and *Yunjie Wang**

Dynamic Inventory Management with Total Minimum Order Commitments and Two Supply Options

*Tong Wang**, *Xiting Gong* and *Sean X. Zhou*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 1 (S2T1):
Empirical OM I

Room: E22-1001
Chair: Sirong Luo

Revenue Management of Hotel Chain in China

*Ji Chen**, *Jun Zhang* and *Yifan Xu*

Buyer-Supplier Ties and Corporate Social Responsibility

*Hsiao-Hui Lee** and *Yanfeng Zheng*

Inventory management based on target-oriented robust optimization

*Yun Fong Lim** and *Chen Wang*

On the Heterogeneous Effects of Non-credit-related Information in Online P2P Lending: A Quantile Regression Analysis

*Sirong Luo**, *Dengpan Liu* and *Yimin Ye*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 2 (S2T2):
Empirical OM II

Room: E22-1002
Chair: Chien-Ming Chen

Feedback Stackelberg Games for Dynamic Supply Chains with Cost Learning

*Suresh P. Sethi**, *Tao Li* and *Xiuli He*

Recover Overnight? Work Interruption and Worker Productivity

Xiqian Cai, *Jie Gong**, *Yi Lu* and *Songfa Zhong*

Nash Efficiency Estimation in Natural Gas and Oil Market of New York State in 1980s

*Chia-Yen Lee**

Relatedness in business diversification and Inventory Performance of U.S. Public Firms

*Muhammad Zubair** and *Chien-Ming Chen*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 3 (S2-T3):
Supply Chain Management IV

Room: E22-1003
Chair: Yixuan Xiao

Supply chain contract with competing retailers and fairness concerns
*Deming Zhou**

Unsold versus Unbought Commitment: Minimum Total (Volume) Commitment Contracts
*Quan Yuan**

Optimal Pricing and Inventory Decisions When Demand is Unknown
Rongchuan He and Ye Lu*

Drug Pricing for Competing Pharmaceutical Manufacturers Distributing through a Common PBM
Yixuan Xiao and Panos Kouvelis*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 4 (S2-T4):
Supply Chain Finance

Room: E22-1008
Chair: Yanzhi Li

Dynamic Replenishment Policy with Inventory-based Financing
*Vernon Hsu, Jiye Xue and Ke Fu**

The Third Party Logistics' Optimal Decisions on Financing a Loss-Averse Retailer
Qinqian Cui and Zhongfei Li*

Procurement Financing in Shipping using Auctions
*Qing Ding, Brian Rodrigues and Kekun Wu**

Financial Pooling in A Supply Chain
Ming Hu, Qu Qian and Song Alex Yang*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 5 (S2-T5):
Inventory Management II

Room: E22-1009
Chair: Xiting Gong

Television Audience can Learn and can Forget – Innovative Modelling Viewing Behavior
Lianlian Song and Yelin Fu*

A New Approach to Two-location Joint Inventory and Transshipment Control via L-natural-Convexity
*Xin Chen, Xiangyu Gao and Zhenyu Hu**

Joint Inventory and Markdown Management for Perishable Goods with Strategic Consumer Behavior
Peng Hu, Stephen Shum and Man Yu*

Approximation Algorithms for Capacitated Perishable Inventory Systems with Positive Lead Times
Xiuli Chao, Xiting Gong, Cong Shi, Chaolin Yang, Huanan Zhang and Sean X. Zhou*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 6 (S2-T6):
Emerging Supply Chain and
Finance Management

Room: E22-1014
Chair: Xiaoli Wu

Energy Management Based on Energy Consumption Prediction and Energy Optimization Model

Jianjun Yu and Xingrong Cai*

Integrated research on operational planning and financial planning in a remanufacturing enterprise

*Yongjian Wang**

Quantity Discount Contract Optimization of FMCG Under Supply Chain Financing

Zilin Wu and Huajun Tang*

Comparison between two stochastic inventory models under bank financing

Xiaoli Wu and Bin Cao*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 7 (S2T7):
Robust Optimization and Its in
Operations Management

Room: E22-1016
Chair: Daniel Zhuoyu Long

Appointment Scheduling With Unpunctual Patients Using Distributionally Robust Optimization

Daniel Zhichao Zheng, Qingxia Kong, Chung Piaw Teo and Chung-Yee Lee*

Two-stage Distributionally Robust Unit Commitment With Generalized Linear Decision Rules

Ruiwei Jiang, Yuanyuan Guo and Jianhui Wang*

Data-driven patient scheduling in emergency departments

Meilin Zhang, Shuangchi He and Melvyn Sim*

Distributionally robust discrete optimization with Entropic Value-at-Risk

Daniel Zhuoyu Long and Jin Qi*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 8 (S2T8):
Optimization Method I

Room: E22-2008
Chair: Qiming Gu

Service modularization based on SDL: Application in Catering

Meng-si Wang, Shui-yin Zhou and Lin Pan*

State-of-charge estimation of lithium-ion batteries using an unscented Kalman filter

Fangfang Yang and Kwok-Leung Tsui*

Optimal policies for capacitated multi-echelon inventory systems

Xiaobei Shen and Yimin Yu*

A scheduling plan in aftermath of mass-casualties incident

Qiming Gu, Yanzhi Li and Wenbin Zhu*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 9 (S2T9):
Bargaining and Competition

Room: E22-2009
Chair: Qiankai Qing

Advertising and Pricing Negotiation between Manufacturer and Dominant Retailer when Weak Retailer Becomes More Efficiency

Zhong Chen and Ehsan Bolandifar*

Competition effects on flexible capacity strategy

Liu Yang and Chi To Ng (Presenter TBC)

Capacity Allocation under Downstream Competition and Bargaining

Qiankai Qing, Tianhu Deng and Hongwei Wang*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 10 (S2T10):
E-Commerce and Technology I

Room: E22-2010
Chair: Ling Zhu

Virtualization of Business Processes: Future Research Direction

Jacky Hau, A. C. L. Yeung, C. K. Y. Lo and T. C. E. Cheng*

Research on the strategies of stakeholders in the app-based peer-to-peer car sharing business

*Daozhi Zhao and Jie Yang**

Pricing and Bargaining Strategy of E-retailing under Different Operational Patterns

Shuihua Han, Yufang Fu and Bin Cao*

Optimal strategy for selling on Group-buying website considering the effect of service level

*Yifan Wu and Ling Zhu**

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 11 (S2T11):
E-Commerce and Technology II

Room: E22-2013
Chair: Brenda Mak

Opportunities and concerns of cloud computing for sustainable construction project management

*Caroline T.W. Chan**

E-Commerce and Traffic Congestion: An Economic Policy Analysis

Jing Shao, Hangjun Yang, Xiaoqiang Xing and Liu Yang*

The Impact of Technology Convergence Innovation on Industry Spatial Layout Equilibrium

Hui Shu and Wengping Wang*

Perceived Usefulness and Attitudes of Mobile Phones for Hospitality Customers

*Brenda Mak**

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 12 (S2T12):
Sustainable Operation Management

Room: E22-2015
Chair: Hongtao Zhang

Optimization Model on Managing "Three Wastes" In Ning-Meng Zone Along Yellow River
*Chang-Ying Hu**

The Dynamic Evolution of Firms' Pollution Control Strategy under Graded Reward-penalty Mechanism
Li-ming Chen and Wen-ping Wang*

The impact of sustainability efforts on seaport performance
*Pei-Ju Wu and Wei-Hsuan Wang**

Overprovision and Competition in Expert Services with Waiting Customers
Tim Chu and Hongtao Zhang*

Day 1: January 9, 2016
(16:00 - 17:30)

Session 2 - Track 13 (S2T13):
Best Student Paper Competition Finalists:
Session II

Room: E22-2017
Chair: Yang Li

Incentive for Knowledge Sharing among Smallholders in Developing Economies: Quality Investment and Reward Mechanism
Shihong Xiao, Ying-Ju Chen and Christopher S. Tang*

On the Consistency between Prospect Theory and the Newsvendor Problem
Bhavani Shanker Uppari and Sameer Hasija*

Efficient Ignorance: Information Heterogeneity in a Queue
*Yang Li**

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 1 (S3T1):
Service Evaluation and Improvement in
Health Care

Room: E22-1001
Chair: Xin Li

Analyzing Patient Flow at a Hospital Emergency Department in Hong Kong using Simulation
Yong-Hong Kuo, Janny M. Y. Leung and Colin A. Graham*

Using Simulation to Examine Appointment Overbooking Schemes For a Medical Imaging Center
*Yan Chen, Yong-Hong Kuo, Hari Balasubramanian, Chaobai Wen and Jinjin Zhang**

Hotelling Queue Models with Probabilistic Service
Xiaoya Xu, Xin Li, Zhaotong Lian and Pengfei Guo*

Hybrid Methods for Forecasting Patient Volume in Emergency Department
Qin Neng Xu, Hai Nan Guo and Kwok Leung Tsui*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 2 (S3T2):
New Topics in OM III

Room: E22-1002
Chair: Song Jiu

The determinants of public trust in Charitable Organizations in the new media age: Information transparency, responsiveness or communication skills?

Yuhong Cao, Jianxin You, Rui Wang and Yongjiang Shi*

Policy Oriented Grain Procurement Contract Design and Empirical Comparative Analysis

Jingsi Huang, Weiwei Chen, Jie Song and Leyuan Shi*

Historical Data-Driven Nurse Flexible Scheduling Problem

Hainan Guo and K. L. Tsui*

Optimal Mobile Healthcare Delivery Aimed at Minimizing Social Healthcare Costs

Pengfei Guo, Song Jiu, Fang Liu and Yulan Wang*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 3 (S3T3):
Emerging Problem in POM

Room: E22-1003
Chair: Ciwei Dong

The impact of gray markets under manufacturer competition

Hai Li and Stuart X. Zhu*

Equilibrium joining strategy and optimal control of a make-to-stock queue

Qingying Li, Pengfei Guo, Chung-Lun Li and Jeannette Song*

Optimal Product Line Design to Meet Consumption Targets

Qingshan Kong and Lucy Gongtao Chen*

Pricing and capacity investment for electricity time-of-use tariff with stochastic demand

Ciwei Dong, Chi-to Daniel Ng and W. T. Eric Ngai*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 4 (S3T4):
Maritime Logistics

Room: E22-1008
Chair: Xiangtong Qi

A new solution method for liner service network design with transshipment costs

*Jun Xia and Zhou Xu**

Alliance Formation among Ocean Container Carriers

*Albert Ha and Tingting Xiao**

The Detention Decision for Empty Containers in the Inland Terminal

Mingzhu Yu, Jan C. Fransoo and Chung-Yee Lee*

Disruption Recovery for Berth Allocation

Chen Li and Xiangtong Qi*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 5 (S3T5):
Supply Chain Management V

Room: E22-1009
Chair: Donglei Zhu

Product Design Strategy for Recycling under Different Relicensing Fee Schemes
Weina Ma and Ling Zhao*

Comparison between two emission allocation schemes in a duopoly market
*Wenhui Zhou and Yanfang Zheng**

An Empirical Study of No-show Behavior in Outpatient Clinics
Jiayi Liu, Jingui Xie and Zhichao Zheng*

Service Capacity procurement of Logistics Service Supply Chain with demand updating and Loss-aversion behavior
Donglei Zhu and Weihua Liu*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3 - Track 6 (S3T6):
Customer Behavior

Room: E22-1014
Chair: Niyazi Taneri

Selling investment goods in developing economies with present-biased consumers
Qiao-Chu He, Ying-Ju Chen and Zuo-Jun Max Shen*

Diversification Strategy with Random Yield Suppliers for a Mean-Variance Risk-Sensitive Manufacturer
Lijun Ma, Tsan-Ming Choi and Weili Xue*

Research of the Customer Satisfaction of Hong Kong Catering Group-buying
Lifan Fan and Yaohui Ou*

Capacity Allocation for a Green Farm: Impact of locally-aware consumers
Niyazi Taneri

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 7 (S3T7):
Stochastic Models in Operations Research

Room: E22-1016
Chair: Shining Wu

Brownian Inventory Control with Lead-times
Zhen Xu, Rachel Q. Zhang and Jiheng Zhang*

Asymptotica Control of Perishable Inventory
Jiheng Zhang, Hailun Zhang and Rachel Q. Zhang*

A Multi-objective Stochastic Programming Model for Relief Allocation Based on Time-lag Secondary Disasters
Meina Hua and Huajun Tang*

Management of a Shared Spectrum Network
Shining Wu, Jiheng Zhang and Rachel Q. Zhang*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 8 (S3T8):
Optimization Method II

Room: E22-2008
Chair: Sang Jo Kim

An Inventory Model for Non-instantaneous Deteriorating Items with Maximum Lifetime and Permissible Delay of Payment

Xiao Dan Zhang, Bo Huang and Huajun Tang*

A Two-Stage Optimization Model for the Airline's Operational Decisions with Carbon Emissions

Simin Zhang and Haiqing Song*

A curbside bus stop analysis with tandem berths

Bomin Bian, Ning Zhu, Michael Pinedo and Shoufeng Ma*

The Optimal Dynamic Policy for Periodic Stocking and Bundling

Sang Jo Kim, Youyi Feng and Jianjun Xu*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 9 (S3T9):
Game Theoretic Models for
Channel Conflict Management

Room: E22-2009
Chair: Baozhuang Niu

A Model of Decision Making and Conflict Management in Cross functional Teams

*Zhijian Cui**

Impact of Channel Power and Fairness Concern on Supplier's Market Entry Decision

*Baozhuang Niu, Qinquan Cui and Jie Zhang**

Delivery of Chinese mitten crab for Mid-Autumn: a logistics dilemma of micro E-commerce

*Junmin Yi and Huizhen You**

Suppliers' Strategic Response in a Co-Opetitive Supply Chain with Dual Sourcing

Kenny Cheng Jiawei Li , Baozhuang Niu and Ricky Tan*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 10 (S3T10):
Applications in OM I

Room: E22-2010
Chair: Guang-hong Xu

The Impact of Technology on Market Diversification: A case study on Chinese animation industry

*Cen Qian and Zheng Liu**

An Empirical Study of Financial Expenditure, Consumer Spending and Economic Growth Relationship

Jifu Qiu, Yihua Zhang, Yuan Wang and Baoxi Cai*

Optimal Site Selection of Electric Vehicle Charging Station Based on fuzzy AHP-TOPSIS

*Yang Chao and Ailing Fan**

Evaluation of Customer Satisfaction with Third Party Logistics Service Quality for Online Shopping

Ya-wei Qi and Guang-hong Xu (Presenter TBC)

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 11 (S3T11):
Empirical OM

Room: E22-2013
Chair: James Ang

Optimal Policies for Deterioration Inventory Problems with Multi-class Demand Fulfillment

Yulu Tan, Qing Ding, Zhixue Liu and Changzheng Zheng*

Sustainable strategies of non-profit dial-a-ride operations

Daniel Y. Mo and Tommy K. Y. Cheung*

Pareto Optimal Allocation Models of Basin Water Resources based on Policy Network Theory

Huimin Wang, Yu Chu and Jing Huang*

Perception of Quality across Countries with Traditionally Strong Manufacturing Presence

James Ang, Kok-Choon Tan, De Souza Bob and T. Shimida*

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 12 (S3T12):
New Topics in Operations Management

Room: E22-2015
Chair: Vijaya Dixit

Lean Initiation at SMEs – Is the lack of Transformational Leadership Style of Top Leadership a Deal Breaker? - An Empirical Study of SMEs

Saideep Rathnam and Diatha Krishna Sundar*

Spatial scheduling in shipbuilding context

Vijaya Dixit, Priyanka Verma and Piyush Raj*

Impact of lean manufacturing on supply chain risk

Sreedevi R and Saranga Haritha*

An optimal two-warehouse replenishment policy with trapezoidal type demand and exponential type partial backlogging rate

*Chunming Xu**

Day 2: January 10, 2016
(9:00 - 10:30)

Session 3-Track 13 (S3T13):
Applications in OM II

Room: E22-2017
Chair: Huang Ling

Risk Assessment of Enterprise Risk Using Bayesian Networks

*Satyendra Kumar Sharma**

Conceptualization of New Service Development Competence in Supply Chain Finance

Thomas Kwan Ho (Yuchim) Yeung, Qiuping Huang and Xiande Zhao (Presenter TBC)

An Age-based Replacement Policy During Delay Time with Consideration of Production Wait Time

Ping Li, Wenbin Wang, Rui Peng and Xiaoliang Ling*

Innovation-driving, Financing Restriction and High-tech Small and Micro businesses Crowdfunding: A Case Study of Demohour

*Huang Ling**

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4-Track 1 (S4T1):
Procurement and Supply Contract

Room: E22-1001
Chair: William Ho

Retail Stocking Policy and Contract Design with Endogenous Demand

Peeyush Mehta and R K Amit*

A Case Study on Outsourcing Decision Support

Mousumi Modak, Khanindra Pathak and Kunal Kanti Ghosh*

Decision Support Models for Production Emissions and Net Profit of a Monopolistic Firm

Qinghe Sun, Akhil Garg and Jasmine Siu Lee Lam*

Biomass Strategic Sourcing (BioSS) Framework for Supporting the Integrated Supplier Selection and Order Allocation

*William Ho**

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 2 (S4T2):
Demand and Supply Uncertainty

Room: E22-1002
Chair: Tao Li

Supply Chain Coordination under Different Channel Leaderships and Information Asymmetry with Stochastic Price-Dependent-Demand

Chun-Hung Chiu, Tsan-Ming Choi, Xun Li and Cedric Ka-Fai Yiu*

Two stage stochastic model for intermodal transportation terminal locations and route optimization problem under uncertain customer demands

*Shuxia Li and Sifan Sun**

Heuristics for solving the containerized traffic problem with multi-dispatching center

*James T. Lin, Wu-Der Jeng and Yuan-Hsin Hsieh**

Mitigating Supply Uncertainty: The Interplay Between Diversification and Pricing

Tao Li, Suresh P. Sethi and Jun Zhang*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 3 (S4T3):
Production and Quality Control

Room: E22-1003
Chair: Edward Aihua Fang

Backward- and Forward-looking Evaluations of Proactive Product Recall

Di Fan, Chris K. Y. Lo and Daphne Yiu*

Production Control Policy for Tandem Queues with Non-overlapping Service Times and Queue Time Constraints

Ning Zhao and Kan Wu*

Value chain design in highly quality-and consumer sensitive industries

Javad Feizabadi, Amit Kumar and Sunil Kumar Injeti

More Innovative Culture and less Social Responsibility in Mass customization than Mass production

*Edward Aihua Fang**

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 4 (S4T4):
Service Management

Room: E22-1008
Chair: Jinting Wang

On the Strategic Impacts of Customer-Driven Group Buying
*Qijun Qiu**

Optimal Guarantor in Guarantor Financing in the Perspective of Supply Chain
Weihua Zhou, Tiantian Lin and Gangshu Cai*

Simulating Conditional Average Value-at-Risk
Kun Zhang and Guangwu Liu*

Equilibrium Joining Strategies in M/M/1 Retrial Queues with Priorities
*Zhongbin Wang and Jinting Wang**

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 5 (S4T5):
Health Care Operations Management

Room: E22-1009
Chair: Chun-Hung Cheng

New heuristic for a two-stage hybrid flowshop with eligibility constraints and its applications to surgical operations scheduling
Huiqiao Su and Guohua Wan*

Home Care Routing and Appointment Scheduling with Stochastic Service Durations
Yang Zhan, Zizhuo Wang and Guohua Wan*

Sustainable Healthcare Supply Chain Management: Transferring Supply Chain Management Concepts to Hospitals
Melanie Hinterplattner, Markus Gerschberger and Franz Staberhofer*

Use of tracking technology in healthcare operations
Tim Kwong-Tim Chan, Chun-Hung Cheng, Dorbin Tobun Ng, Yong-Hong Kuo and Ziyue Zhou*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 6 (S4T6):
New Topics in OM II

Room: E22-1014
Chair: Achim Czerny

Self-rescue or being rescued when facing catastrophes? Information-structure coevolutionary analysis in earthquake responses
Dehai Liu, Guo Li, Hongyi Li, Shiming Li and Samar K. Mukhopadhyay*

Big Data Driven Supplier Evaluation
Markus Gerschberger and Horst Treiblmaier*

Supply Chain Network Design under ASEAN Economic Community
*Gajanan Panchal, Hassan Mirzahosseini, James Ang and Kok-Choon Tan**

Alliances With Endogenous Fleets and Load Factors
Achim Czerny, Vincent van den Berg and Erik Verhoef*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 7 (S4T7):
Supply Chain Management VI

Room: E22-1016
Chair: Weixin Shang

Selling investment goods with present-biased consumers

Qiaochu He, Ying-Ju Chen and Zuo-Jun Max Shen*

Impact of Corporate Social Responsibility on Organizational Attractiveness: A Customer's Perspective

Qingyu Zhang, Fanfang Zhang, Jing Liu, Xin Li and Mei Cao*

Strategic Quality Information Disclosure for Service Systems with Imperfect Customer Learning

Han Zhu, Yimin Yu and Tingliang Huang*

Stackelberg Leadership and Information Leakage in Cournot Competition

Weixin Shang, Tian Li and Huajiang Luo*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 8 (S4T8):
Optimization Method III

Room: E22-2008
Chair: Lijun Sun

Optimal Package pricing in healthcare Services

Tushar Tanwar and U Dinesh Kumar (Presenter TBC)

Joint optimization of the tracking capability and price in a supply chain with endogenous pricing

James B. Dai, Lei Fan and Jingjing Wang*

Role of supply network in diffusion of sustainable practices

Anirban Adhikary and Diatha Krishna Sundar*

A multi-objective optimization model of petrol distribution considering drivers' workload balance

Lijun Sun, Haiyang Shi and Xiangpei Hu*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 9 (S4T9):
Applications in OM III

Room: E22-2009
Chair: Xiping Shi

Application of fuzzy multiple objective linear programming with electronic monitoring systems on cost effectiveness for metal steel manufacturing procedures

Earl-Juei Wang and Ching-Shih Tsou (Presenter TBC)

A Study on the Dimensions of VC-E Trust Based on the Context of "GuanXi" Culture

Hongtao Yang, Li Yu and Haiyan Li (Presenter TBC)

Ordering Problems with Multiple Periods under Demand Forecast Updating and Supply Constraints

Meimei Zheng, Kan Wu and Yan Shu (Presenter TBC)

Value co-creation in business to business information technology services: A research framework for empirical examination

*Xiping Shi**

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 10 (S4T10):
Supply Chain Optimization

Room: E22-2010
Chair: Huimin Wang

A Robust Decision Modeling Framework for Evaluating Risk in Supply Chain: Case of Indian Pharmaceutical
*Vinayak Vishwakarma**

Dynamic Pricing Analysis of Closed-loop Supply Chain Based on Consumers' Willingness to Pay
Juhong Gao, Mengmeng Li and Haiyan Wang (Presenter TBC)

Study to propagation mechanism of mass unexpected passenger flow in the urban rail transit network under emergency based on spread dynamics theory
Xueyu Zhao and Jiaqi Yang*

Rendezvous Transport Problem with Attachable Trucks
Li Sun, Huimin Wang and Jing Hou*

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 11 (S4T11):
New Topics in OM IV

Room: E22-2013
Chair: Jie Fan

Inventory policies across echelons of supply chain and variance of supply chain inventory
*Venkata Vijay Kumar P**

Research on the inventory strategy of a dual-channel online store considering the multi-product adjacent substitution effect
*Jia-zhou Zheng**

On Cooperative Purchasing and Inventory Transfer as Collaborating Instruments for Competitors
Li Li and Li Jiang*

Optimal Facility Location to Mitigate Recall Risks
Liufang Yao and Kai Huang (Presenter TBC)

Berth Allocation Problem with Tidal Berthing Direction Considerations
Guoqing Wang and Jie Fan (Presenter TBC)

Day 2: January 10, 2016
(11:00 - 12:30)

Session 4 - Track 12 (S4T12):
Supply Chain Management VII

Room: E22-2015
Chair: Yi Xu

Models for Closed-Loop Supply Chain with Trade-ins
Zhaowei Miao, Ke Fu, Zhiqiang Xia and Yu Wang*

Reverse Channel Designs in a remanufacturing Closed-Loop Supply Chain with Collection and Marketing Efforts Dependent Demand
Peng Ma and Kevin W. Li*

Supply Chain Supernetworks with Risk Management
*June Dong**

The Impact of Valuation Heterogeneity and Network Structure on Equilibrium Prices in Supply Chain Networks
*Alper Nakkas and Yi Xu**

Day 0: January 8, 2016 (Friday)

TIME	SESSION	VENUE
16:00 - 18:30	Onsite Registration	E22, Main Lobby
17:00 - 18:30	Welcome Reception	E22, Main Lobby

Day 1: January 9, 2016 (Saturday)

TIME	SESSION	VENUE
08:00 - 12:00	Onsite Registration	E31, Main Lobby
12:00 - 17:00	Onsite Registration	E22, Main Lobby
08:00 - 09:00	Opening Reception	E31, Main Lobby
09:00 - 09:30	Opening Ceremony	E31, SAC Theatre
09:30 - 10:30	Keynote Speech 1: Professor Paul H. ZIPKIN Title: Recollections and Reflections	E31, SAC Theatre
10:30 - 11:00	Coffee Break	E31, Main Lobby
11:00 - 12:00	Keynote Session 2: Professor Refael HASSIN Title: Rational Queueing	E31, SAC Theatre
12:00 - 14:00	Lunch Buffet	E5-1081
14:00 - 15:00	Institute for the Study of Commercial Gaming (ISCG) Gaming Laboratory Visit	E22-G023
14:00 - 15:30	Session 1	E22, 1/F & 2/F
15:30 - 16:00	Coffee Break	E22-1013 & E22-2014
16:00 - 17:00	Institute for the Study of Commercial Gaming (ISCG) Gaming Laboratory Visit	E22-G023
16:00 - 17:30	Session 2	E22, 1/F & 2/F
17:30 - 18:00	Shuttle bus Arrangement (Conference Venue ⇒ Plaza Restaurant)	
18:00 - 20:00	Conference Dinner	Plaza Restaurant*

Day 2: January 10, 2016 (Sunday)

TIME	SESSION	VENUE
08:00 - 12:00	Onsite Registration	E22, Main Lobby
09:00 - 10:30	Session 3	E22, 1/F & 2/F
10:30 - 11:00	Coffee Break	E22-1013 & E22-2014
11:00 - 12:30	Session 4	1/F & 2/F of E22
12:30 - 14:00	Lunch Buffet	E5-1081
14:00 - 17:30	Shuttle Bus for Half-day City Tour#	Macao Site*

Track Number	Room Number
Track 1	<i>E22-1001</i>
Track 2	<i>E22-1002</i>
Track 3	<i>E22-1003</i>
Track 4	<i>E22-1008</i>
Track 5	<i>E22-1009</i>
Track 6	<i>E22-1014</i>
Track 7	<i>E22-1016</i>
Track 8	<i>E22-2008</i>
Track 9	<i>E22-2009</i>
Track 10	<i>E22-2010</i>
Track 11	<i>E22-2013</i>
Track 12	<i>E22-2015</i>
Track 13	<i>E22-2017</i>