

2007 International Conference on
Manufacturing & Service Operations
Management

June 18 to 19, 2007, Beijing, China

PROGRAMME

Sponsored by:

*Research Center for Contemporary Management, Tsinghua University
School of Economics and Management, Tsinghua University*

Co-sponsored by:

- ◆ *Academy of Mathematics and Systems Science, CAS*
- ◆ *China Society for Optimization and Overall Planning*
 - ◆ *Operations Research Society of China*
 - ◆ *Shanghai Jiaotong University*

Systems Engineering Society of China

Technical Committee of Production and Operation Management in China

2007 International Conference on Manufacturing & Service Operations Management

June 17 to 19, 2007, Beijing, China

Program Layout

SATURDAY, JUNE 16, 2007

⌚ 15:00-17:00	Registration: The lobby of Unisplendour International Center
	<ul style="list-style-type: none"> ● Registration will be arranged on June 17, 8:30-12:00 am at the Lobby of Unisplendour International Center ● Registration will be arranged on June 18-19, 8:00-10:00 am at the Lobby of Building ShunDe, School of Economics and Management, Tsinghua University
18:30-20:00	<ul style="list-style-type: none"> ● Reception: Banquet Hall of Unisplendour International Center

MONDAY, JUNE 18, 2007

⌚ 08:30-10:00	Session M1-R1	Session M1-R2	Session M1-R3	Session M1-R4	Session M1-R5	Session M1-R6
⌚ 10:00-10:30	Coffee Break					
⌚ 10:30-12:00	Session M2-R1	Session M2-R2	Session M2-R3	Session M2-R4	Session M2-R5	Session M2-R6
⌚ 12:00-13:30	Business Lunch: Room 401, Building ShunDe, School of Economics and Management, Tsinghua University					
⌚ 13:30-15:00	Session M3-R1	Session M3-R2	Session M3-R3	Session M3-R4	Session M3-R5	Session M3-R6
⌚ 15:00-15:30	Coffee Break					
⌚ 15:30-17:00	Session M4-R1	Session M4-R2	Session M4-R3	Session M4-R4	Session M4-R5	Session M4-R6
⌚ 18:00-20:00	Banquet: Ting Li Hall, in the Summer Palace, Entertainment Show arranged at the Banquet.					

TUESDAY, JUNE 19, 2007

⌚ 08:30-10:00	Session T1-R1	Session T1-R2	Session T1-R3	Session T1-R4	Session T1-R5	Session T1-R6
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⌚ 10:00-10:30	Coffee Break					
⌚ 10:30-12:00	Session T2-R1	Session T2-R2	Session T2-R3	Session T2-R4	Session T2-R5	Session T2-R6
⌚ 12:00-14:00	Lunch: Banquet Hall Room of Unisplendour International Center					
⌚ 14:00-15:30	Session T3-R1	Session T3-R2	Session T3-R3	Session T3-R4	Session T3-R5	
⌚ 15:30-16:00	Coffee Break					
⌚ 16:00-17:30	Session T4-R1	Session T4-R2	Session T4-R3	Session T4-R4	Session T4-R5	

WENSDAY, JUNE 20, 2007

⌚ 8:30-17:00	One day tour to the Great Wall and Ming Tombs (tour bus will be arrange at Hotel main gate)
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Events Layout:

Registration:

JUN 16, 15:00-17:00 at the lobby of **Unisplendour International Center** (清华紫光国际会议中心大厅)

JUN 17-19, 8:00-10:00 at at the Lobby of Building ShunDe, School of Economics and Management, Tsinghua University (清华大学经济管理学院舜德楼大厅)

Sessions: Room 418A, 418B,418C, 301, 302, 201, Building ShunDe, School of Economics and Management, Tsinghua University (清华大学经济管理学院舜德楼 418A, 418B,418C, 北 301, 北 302, 北 201)

R1	R2	R3	R4	R5	R6
418A	418B	418C	301	302	201

Reception: Banquet Hall of Unisplendour International Center(清华紫光国际会议中心宴会厅)

Lunches on Jun 17, Jun 19: Banquet Hall of Unisplendour International Center(清华紫光国际会议中心宴会厅)

Lunche on Jun 18: Room North 401, Building ShunDe, School of Economics and Management, Tsinghua University(清华大学经济管理学院舜德楼 401)

Banquet: Ting Li Hall, the Summer Palace(颐和园,听鹂馆)

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Program

Monday, June 18, 2007

Session M1-R1:Inventory Management(I)

Chair: [Charles J. Corbett](#)

- ⊕ 8:30-10:00 The Forecasting Newsvendor: Ordering Policies for Seasonal Demand with Information Updating
Atalay Atas, Mumin Kurtulus, Tong Wang
- An Adaptive Algorithm for Finding the Optimal Base-Stock Policy in Lost Sales Inventory Systems with Censored Demand
Woonghee Tim Huh, Ganesh Janakiraman, John A. Muckstadt, Paat Rusmevichientong
- Entrepreneurs and Newsvendors: Do Entrepreneurs Follow the Newsvendor Logic When Making Inventory Decisions?
Charles J. Corbett, Jan C. Fransoo

Session M1-R2:Supply Chain Management(I)

Chair: [Michael L.Pinedo](#)

- ⊕ 8:30-10:00 Coexistence of Competition and Cooperation in Supply Chain Management
Qiyang Hu, Zehui Ge, Shaohui Zheng
- Development of a Suite of Advanced Supply Chain Planning Software at IBM
C. Wang, C. Chang, A. Degbotse, K. Fordyce, R.J. Milne, R. Orzell
- Supply Chain Scheduling with Fixed Time-Interval Supplies
Joseph Y-T.Leung, Michael L.Pinedo, Guohua Wan

Session M1-R3:Operations Strategy(I)

Chair: [Stephen M. Gilbert](#)

- ⊕ 8:30-10:00 On the Profitability of Remanufactured Products
Yue Jin, Ana Muriel, Yihao Lu
- The Impact of the Number of Products and Retailers on Demand, Price,

Revenue and Inventory
Ye Lu, David Simchi-Levi

Implications of Channel Structure for Endogenous Product Durability
Sreekumar R. Bhaskaran, Stephen M. Gilbert

Session M1-R4:Production Planning & Scheduling(I)

Chair: Zhi-Long Chen

- ⊕ 8:30-10:00 The Concept of Bottleneck
Saral Mukherjee, Ashis K. Chatterjee
- Scheduling Priority Classes in Subscription-Based Rental Service
Aussadavut Dumrongsiri, Apurva Jain, Kamran Moinzadeh
- The Coordination of Pricing and Scheduling Decisions
Zhi-Long Chen, Nicholas G. Hall

Session M1-R5:Procurement Management(I)

Chair: Stuart X. Zhu

- ⊕ 8:30-10:00 Dual Sourcing from Suppliers with Different Leadtimes, Yields and Costs
Qing Li, Shaohui Zheng, Stuart X. Zhu
- Outsourcing Remanufacturing Operations: Cost Benefits or Potential Competition?
Gokce Esenduran, Eda Kemahlioglu-Ziya, Jayashankar M. Swaminathan
- Make or Buy: Impact of Information and Capacity on Optimal Production and Outsourcing Decision Making
Genaro J. Gutierrez, Liwen Chen

Session M1-R6:Interface of Operations and Marketing

Chair: Soulaymane Kachani

- ⊕ 8:30-10:00 Joint Pricing and Ordering Decisions under "Satisfaction Guaranteed" Sales
Yalcin Akcay, Tamer Boyaci
- Effects of Inventory Inaccuracy in Joint Marketing and Inventory Decisions
Shaoxuan Liu, Kut C. So, Fuqiang Zhang
- Optimal Pricing and Production Planning for Subscription-Based Products
Woonghee Tim Huh, Soulaymane Kachani, Ali Sadighian

⊕ 10:00-10:30 **Coffee Break**

Session M2-R1:Inventory Management(II)

Chair: Paul Zipkin

- ⊕ 10:30-12:00 Inventory Management of a Fast-Fashion Retail Network
Felipe Caro, Jérémie Gallien
- Inventory Management with an Exogenous Supply Process
Alp Muharremoglu, Nan Yang
- Lost-Sales Inventory Models: Structure, Sensitivity and Bounds
Paul Zipkin

Session M2-R2:Supply Chain Management(II)

Chair: Yusen Xia

- ⊕ 10:30-12:00 Supply Risk, Asymmetric Information, and Backup Production Option
Zhibin (Ben) Yang, Goker Aydin, Volodymyr Babich, Damian Beil
- Retail Competition, Capacity Allocation, and Supply Chain Performance
Fangruo Chen, Jianbin Li, Hanqin Zhang
- Strategic Interactions Between a National Brand Supplier and a Retailer Who
Has the Potential to Introduce a Store Brand
Stephen M.Gilbert, Liwen Chen, Yusen Xia

Session M2-R3:Operations Strategy(II)

Chair: Yehuda Bassok

- ⊕ 10:30-12:00 Loss of Efficiency due to Price Competition in Markets with Differentiated
Products
Amr Farahat, Georgia Perakis
- Endogenous Flexibility Selection with Asymmetric Cost Structure and Demand
Uncertainty
Li Jiang
- Variety and Substitution
Feng Chen, Yehuda Bassok

Session M2-R4:Production Planning & Scheduling(II)

Chair: Zhe George Zhang

- ⊕ 10:30-12:00 Analysis of a Fork/Join Station with Inputs from a Finite Population
Sub-Network with Multi-Server Stations
Nico Goossens, Ananth Krishnamurthy, Nico Vandaele
- Optimal Batch Size Determination in Kanban Controlled Production Line
Shaojun Wang, Yifeng Ren, Xiaoguang Wang

Flexible Staffing of the Us-Canada Border Crossings
Zhe George Zhang

Session M2-R5:Procurement Management(II)

Chair: Rachel R. Chen

- ⊕ 10:30-12:00 Purchasing, Pricing, and Quick Response in the Presence of Strategic Consumers
G rard Cachon, Robert Swinney
- Mitigating Cost Shocks Through Supply Base Design
Zhixi Wan, Damian R. Beil
- Group Buying Mechanisms for Business-To-Business Exchanges
Rachel R. Chen, Cuihong Li, Rachel Q. Zhang

Session M2-R6:Service Operations Management

Chair: Jiamin Wang

- ⊕ 10:30-12:00 Competition in Large Scale Service Systems: Do Waiting Time Standards Matter?
Gad Allon, Itay Gurvich
- The Role of Services: Pricing, Product Line, and Durability
Gad Allon, Achal Bassamboo
- An Optimal Server Control Model in a Retail Service Facility with Back Room Operations and Cross-Trained Workers
Oded Berman, Jiamin Wang

⊕ 12:00-13:30 **Lunch**

Session M3-R1:Inventory Management(III)

Chair: Shaohui Zheng

- ⊕ 13:30-15:00 Product Variety in Retailing with Stockout-Based Substitution
Renato De Matta, Lifang Wu
- On the Echelon-Order-Up-To Policy: A Stochastic Optimal Control Approach
Gerard Gaalman, Stephen M. Disney
- Optimal Policy for Replenishment and Product Substitution
He Xu, David D. Yao, Shaohui Zheng

Session M3-R2:Supply Chain Management(III)

Chair: Wanshan Zhu

- ⊕ 13:30-15:00 Dealing with Supplier Bankruptcies-The Costs and Benefits of Financial Subsidies
Volodymyr Babich
- Competitive Implications for Supply Systems with Supply Uncertainty
Sammi.Y.Tang, Panos Kouvelis
- Optimal Operational Versus Financial Hedging for a Risk-Averse Firm
Wanshan Zhu, Roman Kapuscinski

Session M3-R3:Operations Strategy(III)

Chair: Uday S. Karmarkar

- ⊕ 13:30-15:00 Option Requirements Planning for Mass Customized Products
Anand Paul, Michelle Mh Seref, Asoo J. Vakharia
- Capacity Decisions for High-Tech Products with Obsolescence
Michael S. Pangburn, Shankar Sundaresan
- Capacity Planning for Process Industries under Competition and Resource Scarcity
Uday S. Karmarkar, Kumar Rajaram

Session M3-R4:Production Planning & Scheduling(III)

Chair: Anant Balakrishnan

- ⊕ 13:30-15:00 A Study of Hybrid Manufacturing Scheduling System Using Simulation and Optimization
Shao-Ju Lee, Ming-Hsuang Lee
- Evaluation of Postponement in Manufacturing Systems with Non-Negligible Setup Times
Hartanto Wong, Joakim Wikner, Mohamed Naim
- Resource Assignment and Spatial Scheduling with Job Coordination Requirements
Anant Balakrishnan, Gang Li, Brian Roth

Session M3-R5:Pricing and Revenue Management(I)

Chair: D.J. Wu

- ⊕ 13:30-15:00 A Model of Revenue Management with Strategic Customers with Varying Information and Assessment Capabilities
Song (Alex) Yang, John Birge
- New Product Diffusion Decisions under Supply Constraint

Wenjing Shen, Izak Duenyas, Roman Kapuscinski

Pricing Tradable Capacity Options

Shi-Jie Deng, D.J. Wu

Session M3-R6:Public/Non-Profit Application

Chair: Serhan Ziya

- ⊕ 13:30-15:00 Selfish Drug Allocation for Containing an International Influenza Pandemic
Peng Sun, Liu Yang, Francis De Vericourt
- The Optimal Composition of Influenza Vaccines subject to Random Production Yields
Soo-Haeng Cho
- Identifying the Critical Patient: Finding the Balance Between Undertriage and Overtriage
Nilay Tanik Argon, Serhan Ziya

⊕ 15:00-15:30 **Coffee Break**

Session M4-R1:Inventory Management(IV)

Chair: Huang Shuo

- ⊕ 15:30-17:00 Optimal Linear Ordering Decisions for Expected Inventory Order Crossovers
Jan Riezebos, Gerard J.C. Gaalman
- Firm-Driven Product Substitution in an Assemble-To-Order Supply Chain under Demand Uncertainty
Feng Cheng, Markus Ettl, Pu Huang, Karthik Sourirajan
- Managing Perishable Products with Target Revenue
Baichun Xiao, Xiaohua Li

Session M4-R2:Operations Strategy(IV)

Chair: Deming Zhou

- ⊕ 15:30-17:00 The Value of Late Shipment Option
Zhengping Wu
- The Effect of Quality in Port Competition
Fang Xu, Deming Zhou
- Management Models of Collaborative Demand and Supply Networks
Maurizio Bielli, Alessandro Bielli

Session M4-R3:Supply Chain Coordination

Chair: Hongtao Zhang

- ⊕ 15:30-17:00 Life-Cycle Channel Coordination Issues in Launching an Innovative Durable Product
Xiuli He, Suresh P. Sethi
- Channel Coordination in a Consignment Contract
Dengfeng Zhang, Renato De Matta, Timothy Lowe
- Confidentiality and Information Sharing in Supply Chain Coordination
Hongtao Zhang, Lode Li

Session M4-R4:Production Planning & Scheduling(IV)

Chair: Xiangtong Qi

- ⊕ 15:30-17:00 Stochastic Dynamic Nursing Service Budgeting
G.Z. Mincsovcics, N.P. Dellaert
- Product Line Selection and Flexible Contracting for Demand Uncertainty
Karthik Natarajan, Hua Tao, Chung-Piaw Teo
- Outsourcing and Production Scheduling for a Two-Stage Flow Shop
Xiangtong Qi

Session M4-R5:Pricing and Revenue Management(II)

Chair: David F. Pyke

- ⊕ 15:30-17:00 Non-Cooperative Competition Among Revenue Maximizing Service Providers with Demand Learning
Changhyun Kwon, Terry L. Friesz, Reetabrata Mookherjee, Tao Yao, Baichun Feng
- Revenue Management in Sponsored Search Advertising
Baichun Xiao, Wei Yang, Jun Li, Guangxu Xu
- Smart Pricing– Linkages Between Sales and Operations
David F. Pyke

Session M4-R6:Empirical Research(I)

Chair: Diana (Yan) Wu

- ⊕ 15:30-17:00 Revenue Management Practices in the Airline Industry: An Empirical Study
Minho Cho, Ming Fan, Yong-Pin Zhou
- How to Allocate Your Capacity More Effective? An Empirical Study in Semiconductor Assembly Industry

Kung-jeng Wang, Shao-ju Lee, Tin-chung Huang

Impact of Long-Term Relationship on Supply Chain Contracts: An Experimental Study

Diana (Yan) Wu

Tuesday, June 19, 2007

Session T1-R1:Inventory Management(V)

Chair: [Yang Lei](#)

- ⊕ 8:30-10:00 Inventory Rationing for Multiple Class Demand under Continuous Review
Qing Ding, Panos Kouvelis, Joseph Milner
- Stock Rationing in a Make-To-Stock Production System with Two Demand Classes and Service Level Constraint
Feng Tian, Sean Willems
- Priority-Based Backlog Clearing in Assemble-To-Order Inventory Systems
Mustafa K. Dogru, Martin I. Reiman, Qiong Wang

Session T1-R2:Supply Chain Management(V)

Chair: [Jianghua Wu](#)

- ⊕ 8:30-10:00 OR & Future Supply Chain Planning
C. Wang, C. Chang, A. Degbotse, K. Fordyce, R.J. Milne, R. Orzell
- Contracting and Information Sharing under Supply Chain Competition
Albert Y. Ha, Shilu Tong
- Exchange of Demand Information across Retailers in a Supply Chain
Jianghua Wu, Ananth V. Iyer, Paul V. Preckel

Session T1-R3:Operations Strategy(V)

Chair: [Sung J. Shim](#)

- ⊕ 8:30-10:00 Opaque vs Transparent: A Trade-Off Between Risk-Pooling and Market Transparency
Zhaolin Li, Yanzhi Li, Tinglong Dai
- A Model for Increasing Airlines Demand from Non-Airport Regions by Combining Travel Modes and Influencing Leakage
Sourav Basu, M.N. Pal
- A Survey of Application Areas and Customer Sectors Served by Robotics Firms
Sung J. Shim, Arun Kumar

Session T1-R4:Production Planning & Scheduling(V)

Chair: Tieming Liu

- ⊕ 8:30-10:00 Lead-Time Estimation for an Integrated Steel Mill
Susan A. Slotnick
- Single-Period Multi-Product Assemble-To-Order Systems with Common Components and Uncertain Demand Patterns
Yongbo Xiao, Jian Chen, Chung-Yee Lee
- Optimal Production and Admission Policies in Make-To-Stock/Make-To-Order Manufacturing Systems
Seyed Iravani, Tieming Liu, David Simchi-Levi

Session T1-R5:Contracts(I)

Chair: Hao Zhang

- ⊕ 8:30-10:00 Price-Only Contracts and Emergency Supply
Xiaowei Xu, Yao Zhao
- Long-Term Contracts under the Threat of Supplier Default
Robert Swinney, Serguei Netessine
- A Two-State Infinite-Horizon Principal-Agent Problem
Hao Zhang

Session T1-R6:Process & Quality Improvement(I)

Chair: David Robb

- ⊕ 8:30-10:00 A Collaborative Contract to Maintain Long-Term Relationship and Quality Improvement in Supply Chain
Xiangrong Liu
- Who's Number One? Asymmetric Production Costs as a Determinant of Quality Rankings
Sergio Meza, Mihkel Tombak
- Service Failure, Recovery, and Improvement: The Case of a Chinese Restaurant
Zheng Cao, David Robb, Qiang Lu

⊕ 10:00-10:30 **Coffee Break**

Session T2-R1:Inventory Management(VI)

Chair: Xiaowei Xu

- ⊕ 10:30-12:00 Solving Transshipment Problems: Stochastic Decomposition vs. Simulation Optimization

Lei Zhao, Suvrajeet Sen

A Computational Approach for a Continuous Inventory System with Base-Stock Policy

Wei Geng, Xiaobo Zhao, Jianyong Liu

Joint Determination of Optimal Product Assortment, Shelf Space Allocation, Pricing and Replenishment Policies

Xiaowei Xu, Wallace J. Hopp

Session T2-R2:Supply Chain Management(V)

Chair: Takamichi Hosoda

- ⊕ 10:30-12:00 Designing Exception-Based Demand Collaboration Mechanisms
Xiaowen Huang, Yan Dong, Kingshuk K. Sinha, Kefeng Xu
- Inferring Price-Sensitive Demand in Serial Supply Chains
Xiaolong Zhang, Xiaohang Yue, Jian Yang
- Revisiting the Benefit of Information Sharing for Every Day Low Price Products
Takamichi Hosoda, Mohamed M. Naim, Stephen M. Disney, Andrew Potter

Session T2-R3:Operations Strategy(VI)

Chair: Yaozhong Wu

- ⊕ 10:30-12:00 Needs Evolution Model as Premise for Manufacturing Strategy
Stephen In-Ho Kim
- Efficiency of the Long Chain: A Random Walk Approach
Mabel C. Chou, Geoffrey A. Chua, Chung-Piaw Teo
- A Model of Fair Process and Its Limits
Yaozhong Wu, Christoph Loch

Session T2-R4:Production Planning & Scheduling(VI)

Chair: Jim Dai

- ⊕ 10:30-12:00 Chaos and Convergence on Bucket Brigade Assembly Lines
John J. Bartholdi III, Donald D. Eisenstein, Yun Fong Lim
- New Results for the Two- and Three-Stage Assembly Flowshop Scheduling Problems
Uttarayan Bagchi
- Optimal Control of Parallel Server Systems with Many Servers
Jim Dai, Tolga Tezcan

Session T2-R5:Contracts(II)

Chair: Candace Arai Yano

- ⊕ 10:30-12:00 Optimal Supplier Contracts under Asymmetric Inventory Information: A Two Period Model
Mahesh Nagarajan, Greys Sasic, Hao Zhang
- Reliability or Inventory? Contracting Strategies for After-Sales Product Support
Sang-Hyun Kim, Morris A. Cohen, Serguei Netessine
- Optimizing the Customer's Forecast in a Forecast-Commitment Contract
Candace Arai Yano, Elizabeth Durango-Cohen

Session T2-R6:e-Business & Information Technology

Chair: Efosa C. Idemudia

- ⊕ 10:30-12:00 Stochastic Programming for Risk Programming of Virtual Enterprise
Min Huang, Fuqiang Lu, Xingwei Wang
- Design and Construction of Knowledge Innovation Platform for High-Tech SMEs
Hu Ling, Su Ying, Jin Zhanming
- A Nonlinear Programming Model for Optimizing Intermediated Online Targeted Advertising Services
Efosa C. Idemudia, Kai Jin, Zhangxi Lin

⊕ 12:00-14:00 **Lunch**

Session T3-R1:Inventory Management(VII)

Chair: David D.Yao

- ⊕ 14:00-15:30 The Impact of Correlation in Demand on Lead Times and Safety Stocks
Robert Boute, Marc Lambrecht, Stephen Disney, Benny Van Houdt
- A Joint Decision Model of Product Variety and Inventory Control under Fuzzy Substitution Rate
Gao Jun-Jun, Yue Lai-Ruo
- Asymptotically Optimal Decisions for Replenishment and Transshipment
David D.Yao, Yongbo Xiao

Session T3-R2:Supply Chain Management(VI)

Chair: Maurice Queyranne

- ⊕ 14:00-15:30 Modeling the Variability in Supply Chains with the Peakedness
Philippe Chevalier, Jean-Francois Macq, Jean-Christophe Van Den Schrieck

Replenishment Coordination in Distribution Systems with Multiple Items and Retailers

Mustafa Cagri Gurbuz, Kamran Moinzadeh, Yong-Pin Zhou

Strategic Distribution System Design in Online Retailing

Murat Ozdemir, Harish Krishnan, Maurice Queyranne

Session T3-R3:Operations Strategy(VII)

Chair: Ye Qing

⊕ 14:00-15:30 Quantitative Models for Service Innovation Strategy and Process in the Financial Services industry

Ying Su, Zhanming Jin

An Optimization Based Decision Support System for Strategic Planning in Different Process Industries

Dutta Goutam, Fourer Robert, Gupta Narain

Focus on Petroleum

Wang Biao

Session T3-R4:Technology Management

Chair: Tao Yao

⊕ 14:00-15:30 Evaluating the Cost of Developing Alternative Energy Technologies Incorporating Uncertainty, Technological Learning Curves, and Energy Price Cycles

Edward G. Anderson Jr., Geoffrey Parker, Burcu Tan

Technology Transfer, Economic Development, and the Toyota Production System

Robert N. Mefford

A Stochastic Differential Game Model for Strategic Investment of New Technology

Baichun Feng, John Weyant, Tao Yao

Session T3-R5:Pricing and Revenue Management(III)

Chair: Yalcin Akcay

⊕ 14:00-15:30 Revenue Management and Delay Tactics under Competition and Customer Choice

Philipp Afeche

Job-Lot Disposal Games

Matthew J. Sobel, Wei Wei

Dynamic Pricing of Substitutable Inventories under Consumer Choice

Yalcin Akcay, Hari Natarajan, Susan H. Xu

⌚ 15:30-16:00 **Coffee Break**

Session T4-R1:Inventory Management(VIII)

Chair: Karel Van Donselaar

⌚ 16:00-17:30 Evaluation of Peaked Lateral Transshipment in Inventory Systems subject to a Service Constraint

Annalisa Cesaro, Dario Pacciarelli

The Value of Risk Pooling: Impacts of Order Quantity and Economic Parameters

Jun Zhang

Inventory Replenishment in Retail: The Efficient Full Service Strategy

Karel Van Donselaar, Rob Broekmeulen, Tom Van Woensel, Jan Fransoo

Session T4-R2:Supply Chain Management (VII)

Chair: Xiaona Zheng

⌚ 16:00-18:00 The Impact of Information Sharing and Advanced Ordering on a Supply Chain with Balanced Ordering

Sheng Hao Zhang, Ki Ling Cheung

Horizontal Coordination in Two Retailers Supply Chain with Substitute Demand

Xianghua Gan, Meng Lu, Houmin Yan

Distributing a Product Line in a Decentralized Supply Chain

Jing Shao, Harish Krishnan, S. Thomas McCormick

E-Fulfillment: Vertical vs. Horizontal Cooperation

Fernando Bernstein, Jing-Sheng Song, Xiaona Zheng

Session T4-R3:Logistics Management

Chair: Tsung-Sheng Chang

⌚ 16:00-17:30 Lot-Sizing for Outbound Shipment under Minimum Replenishment Policy

Hark-Chin Hwang

A Mixed Pickup-Delivery Shortest Path Problem Visiting Specified Nodes

Tsung-Sheng Chang, Yi-Fang Liao

Local Pickup and Delivery Problem with Out-Source and Intermediate Storage

Options

Liang Pi, Leyuan Shi, Peng Cheng

Session T4-R4:Process & Quality Improvement(II)

Chair: Z. Justin Ren

⊕ 16:00-17:30 Cost Analysis of a Failure – Free Warranty Policy

Teruhisa Nakai

Optimal Process Parameters for Two Processes Based on Product Uniformity
Criteria Using Lot by Lot Inspection Sampling Plan

Salih O. Duffuaa, Mohammed Fareeduddin, M. Abdur Rahim

Quality and Information Asymmetry in Service Outsourcing

Z. Justin Ren, Fuqiang Zhang

Session T4-R5:Empirical Study (II)

Chair: Yaozhong Wu

⊕ 16:00-18:00 China Quality Award and The Market Value of The Firm—An Empirical
Investigation from Chinese Stock Market

Bu Xiang-Zhi, Xiao Shang-Xian, Zhao Quan-Wu

Impact of Integration Practices on Manufacturing Flexibility and Customer
Satisfaction: An Empirical Examination

Qingyu Zhang, Mei Cao

Social Preferences and Supply Chain Performance: An Experimental Study

Yaozhong Wu, Christoph Loch

The Optimal Strategy Modeling in Online Auction with "Buy It Now"

Hao Lu, Jing Zhou, Hui Yang