

Session 1A – Healthcare Operations I

Day 1: 11:00 – 12:30

Chair: Yi Dan

CYT LT2

Evaluating Efficiency in Lean Emergency Department: A Slack-Based Model

Presenter: Tiong Ngee Wen

Azmin Azliza Aziz, Suhaiza Zailani, Rashidi Ahmad

Understanding Surgery Duration from New Perspectives: Evaluation from A Database on Thoracic Surgery

Presenter: Jin Wang

Javier Cabrera, Kwok-Leung Tsui, Hainan Guo, Monique Bakker, John B. Kostis

Mutual Referral in Healthcare with Patient Choice

Presenter: Yan Diao

Weifen Zhuang

The Efficiency Evaluation and Difference in Space and Time of Care in Rural Nursing Homes in China

Presenter: Yi Dan

Yueru Ma

Session 1B – Emerging Supply Chain and Retailing

Day 1: 11:00 – 12:30

Chair: Zhaowei Miao

CYT LT3

The Optimal Production Decision under Green Loan Policy

Presenter: Shuting Xu

Yongquan Lan

Which Pre-Sale Contract to Choose: Locking the Regular Price or Locking the Benefit

Presenter: Jiajing Lu

Yongquan Lan

The Impact of Demand Uncertainty and Government Subsidy Constraint on Green Technology Adoption

Presenter: Zhe Tan

Zhaowei Miao

The Benefit of Uniform Price with Search Cost for Omnichannel Retailing

Presenter: Lili Shangguan

Zhaowei Miao

Online Advertising by Competing Retailers

Presenter: Miao Li

Yongquan Lan

Session 1C – OM-Marketing Interface I

Day 1: 11:00 – 12:30

Chair: Xiaofang Wang

CYT LT4

Selling Strategy in the Presence of Social Learning and Reference Effects

Presenter: Di Zhang

Biyang Shou, Stephen Shum

How Barter Affects Probabilistic Selling?

Presenter: Yi Zhang

Guowei Hua, T.C.E. Cheng, Juliang Zhang, Vicenc Fernandez

Extract Market Information from Strategic Inventory in New Product Launch

Presenter: Chang Dong

Qian Liu

Selling Discretionary Services to Strategic Customers with Peripheral Consumption

Presenter: Xiaofang Wang

Qi Wu, Guoming Lai, Alan Andrew Scheller-Wolf

Session 1D – Empirical Research I

Day 1: 11:00 – 12:30

Chair: **Jingui Xie**

CYT LT5

Gatekeeping under Congestion: An Empirical Study of Referral Errors in the Emergency Department

Presenter: **Michael Freeman**

Susan Robinson, Stefan Scholtes

Effects of Rescheduling on Patient No-Show Behavior in Outpatient Clinics

Presenter: **Zhichao Zheng**

Jiayi Liu, Jingui Xie, Kum Khiong Yang

Dynamic Pricing of the Ride Sharing Market in a Spatial Search Model

Presenter: **Liu Ming**

Jingting Fan, Wenlan Luo, Weiming Zhu

The Impact of Bundled Payment Policy on Healthcare Operations: Evidence from China

Presenter: **Jingqi Wang**

Yiming Fan, Jingui Xie

Session 1E – Online Retailing

Day 1: 11:00 – 12:30

Chair: **Yun Fong Lim**

CYT LT6

Shipping Consolidation with Delivery Deadline and Expedited Options for E-Commerce and Omni-Channel Retailers

Presenter: **Lai Wei**

Stefanus Jasin, Roman Kapuscinski

Incentive Issues in the Implementation of Urban Consolidation Centers

Presenter: **Qiyuan Deng**

Xin Fang, Yun Fong Lim

Spatial Pricing and Inventory Allocation

Presenter: **Long He**

T. Tony Ke

Matching Supply with Demand for Online Retailing

Presenter: **Song Jiu**

Yun Fong Lim, Marcus Ang

Session 1F – Best Student Paper Competition Finalists I

Day 1: 11:00 – 12:30

Chairs: **Sang Won Kim & Daniel Zhuoyu Long**

CYT LT7

Title: Ranking and Selection with Covariates for Personalized Decision Making

Presenter: **Haihui Shen**

L. Jeff Hong, Xiaowei Zhang

Title: Constant-Order Policies for Lost-Sales Inventory Models with Random Supply Functions: Asymptotics and Heuristic

Presenter: **Jinzhi Bu**

Xiting Gong, Dacheng Yao

Title: Service Design under Acclimation and Non-homogeneous Memory Decay

Presenter: **Yifu Li**

Tinglong Dai, Xiangtong Qi

Title: The Analytics of Bed Shortages: Coherent Metric, Prediction and Optimization

Presenter: **Gar Goei Loke**

Jingui Xie, Melvyn Sim, Shao Wei Lam

Session 1G – Business Analytics in OM I

Day 1: 11:00 – 12:30

Chair: Xiaole Wu

CYT LT8

Managing the Cross-Channel with the Uniform Pricing: Theory and Empirical Findings

Presenter: Yue Dai

Yuxin Chen, Zhe Zhang

Inventory Management under Corporate Income Tax

Presenter: Yixuan Xiao

Zhan Pang

The Impact of Supply Chain Green Integration on the Triple Bottom Line: Evidence from China

Presenter: Yuxiao Ye

Baofeng Huo, Andy Yeung

Estimating Sensitivities of Portfolio Credit Derivatives and Portfolio Credit Risk Using Monte Carlo

Presenter: Lei Lei

Yijie Peng, Michael C. Fu, Jian-Qiang Hu

Session 1H – Sharing Economy I

Day 1: 11:00 – 12:30

Chair: Daniel Zhuoyu Long

CYT 201

The Impact of Estimation Accuracy in Car Rental

Presenter: Chi Xie

Daniel Zhuoyu Long, Rowan Wang

Cannibalization and Market Expansion Effects of On-Demand Car Rental on Mobility Demand

Presenter: Lixian Qian

Didier Soopramanien, Zhan Pang

Supply-Side Incentives in Centralized Ride Matching

Presenter: Qi Wu

Shumin Ma

Strategic Switcher, the Unique Feature of Ridesharing

Presenter: Rowan Wang

Yini Gao, Saif Benjaafar

Session 1I – Sustainable Operations I

Day 1: 11:00 – 12:30

Chair: Wenbin Wang

CYT 211

Optimal Bidding Strategy for Market Participants Considering Both Renewable Generation and Price Uncertainties

Presenter: Kai Pan

Yongpei Guan

Planning PEV Fast-Charging Stations on Coupled Transportation and Power Networks

Presenter: Wei Qi

Hongcai Zhang, Zechun Hu, Yonghua Song, Scott Moura

The Value of Energy Storage in Energy Shifting

Presenter: Shanshan Guo

Shanshan Hu, Gilvan C. Souza

Optimal Production and Recycling Strategy of Electric Vehicle Battery with Limited Capacity

Presenter: Mengping Zhu

Zhixue Liu

Session 1J – Revenue Management

Day 1: 11:00 – 12:30

Chair: **Tong Wang**

CYT 212

Customized Product Assortment and Marketing Effort: A Robust Approach

Presenter: **Qingwei Jin**

Jen-Yen Lin, Sean Zhou

An Approximate Dynamic Programming Approach to Dynamic Pricing for Network Revenue Management

Presenter: **Huan Zheng**

Jiannan Ke, Dan Zhang

Coordinating Inventory and Pricing Strategies under Total Minimum Commitment Contracts

Presenter: **Quan Yuan**

Xiting Gong, Frank (Youhua) Chen

Preservation of Additive Convexity and Its Applications in Stochastic Optimization Problems

Presenter: **Tong Wang**

Xiting Gong

Session 2A – Behavioral OM I

Day 1: 15:45 – 17:15

Chair: **Yun Shi**

CYT LT2

Coopetition Behaviors and Environmental Regulations in Industrial Symbiosis Chain: A Perspective of Evolutionary Game

Presenter: **Binbin Cao**

Zhongdong Xiao

Online Review's Impact on Casino Revenue Management

Presenter: **Jason Dou**

Supplier's Fairness Concern Regarding Order Allocation in a Supply Chain: An Experimental Examination of Multifactor Influence

Presenter: **Weihua Liu**

Meili Wang, Runze Wu

Alleviating Time Inconsistent Behaviors via a Competition Scheme

Presenter: **Yun Shi**

Xiangyu Cui

Session 2B – Innovative Operations I

Day 1: 15:45 – 17:15

Chairs: **Houcai Shen & Weili Xue**

CYT LT3

Two-Stage Pricing Model of Hybrid Channel Supply Chain Based on Graph Model for Conflict Resolution

Presenter: **Xin Wang**

Impact of Asymmetric Spillovers on the Process Investments of a Duopoly with Heterogeneous Products

Presenter: **Jing Xia**

Houcai Shen

An Inventory Perspective for Omnichannel Design

Presenter: **Xiaolin Xu**

Ming Hu, Weili Xue, Yi Yang

Influenza Supply Chain Management with Overconfident Agents

Presenter: **Lijun Ma**

Meiyan Lin, Weili Xue

Session 2C – OM-Marketing Interface II

Day 1: 15:45 – 17:15

Chair: Hubert Pun

CYT LT4

Optimal Bundling Strategy Considering Resale

Presenter: Yu Xue

Frank Chen, Yugang Yu

Service Dependency and Labor Productivity in Retailing

Presenter: Chien-Ming Chen

Howard Hao-Chun Chuang

Pricing and Coordination Decision in Closed-Loop Supply Chain Considering Joint Advertising

Presenter: Juhong Gao

Mengmeng Li, Zhen Huo

Feature-Based Information Sharing on Retail Platforms

Presenter: Zekun Liu

Fuqiang Zhang, Dennis Zhang

Channel Strategy for Manufacturers in the Presence of Service Free Riders

Presenter: Hubert Pun

Jenny Chen

Session 2D – Empirical Research II

Day 1: 15:45 – 17:15

Chair: Hui Ming Wee

CYT LT5

The Operational Impact of New Product Introductions into Consumer Packaged Goods Supply Chains: the Case of a Spanish Manufacturer

Presenter: Leonardo Laranjeira Gomes

Rafael Díaz

Does Social Sustainability Matter? Empirical Analyses of How Layoffs Influence on-Time Performance in the Passenger Airline Industry

Presenter: Markus Vejbar

Kee-hung Lai, Chris K. Y. Lo

Key Success Factors in Value Adding for Agricultural Products: A Reference to Germany and Taiwan Experience

Presenter: Hui Ming Wee

Tao Ming Yang

Session 2E – Topics in OM

Day 1: 15:45 – 17:15

Chair: Renyu (Philip) Zhang

CYT LT6

Zoning for Last Mile Delivery: A Data-Driven Approach

Presenter: Long He

Sheng Liu, Zuo-Jun Max Shen

Combating Child Labor: Incentives and Information Disclosure in Global Supply Chains

Presenter: Xin Fang

Soo-Haeng Cho, Sridhar R. Tayur, Ying Xu

Combat Effectiveness Analysis based on Message Complexity between UGVs

Presenter: SungMin Bae

Yoosang Chang, Dayoon Seo

Coopetition and Profit Sharing for Ride-Sharing Platforms

Presenter: Renyu (Philip) Zhang

Maxime Cohen

RFQ, Sequencing, and the Most Favorable Bargaining Outcome

Presenter: Ying Rong

Leon Zhu, Huan Zheng

Session 2F – Best Student Paper Competition Finalists II

Day 1: 15:45 – 17:15

Chairs: Sang Won Kim & Daniel Zhuoyu Long

CYT LT7

Title: Value of By-product Synergy: A Supply Chain Perspective

Presenter: Pin Zhou

He Xu, Hongwei Wang

Title: Should On-Demand Ride Services be Regulated? An Analytical Evaluation of Chinese Government Policies

Presenter: Jiayi Joey Yu

Christopher S. Tang, Zuo-Jun Max Shen, Xiquan (Michael) Chen

Title: Optimal Mechanism Design for Vehicle Ownership Control

Presenter: Zhou Chen

Qi Qi, Changjun Wang

Session 2G – Business Analytics in OM II

Day 1: 15:45 – 17:15

Chair: Ying Rong & Haipeng Shen

CYT LT8

Empirical Study on Temporal Pattern of Labor Supply on Sharing Transportation Platform

Presenter: Hai Wang

Hao Sun, Zhixi Wan

The Incentive Game under Target Effect in the Ride-Sharing Market: Theory and Evidence

Presenter: Liu Ming

Xirong Chen, Zheng Li, Weiming Zhu

Location and Emergency Inventory Pre-Positioning for Disaster Response Operations: Min-Max Robust Model and a Case Study of Yushu Earthquake

Presenter: Wenjun Ni

Jia Shu, Miao Song

Call Center Arrivals: When to Jointly Forecast Multiple Streams?

Presenter: Haipeng Shen

Han Ye, James Luedtke

Session 2H – Sharing Economy II

Day 1: 15:45 – 17:15

Chair: Bin Dai

CYT 201

Sparse and Efficient Rebalancing Network: Exploiting the Circadian Rhythm in Bicycle Sharing Systems

Presenter: Jinjia Huang

Mabel C. Chou, Chung-Piaw Teo, Linfeng Li

Dynamic Repositioning for Vehicle Sharing with the Fixed Cost

Presenter: Ling Zhao

Zhixue Liu

Increasing Operational Efficiency of Public Bicycle System Based on Public Data Analysis

Presenter: Dayoon Seo

SungMin Bae

Pricing and Capacity Allocation: Implications for Manufacturers with Product Sharing

Presenter: Bin Dai

Yu Nu

Session 2I –Sustainable Operations II

Day 1: 15:45 – 17:15

Chair: Xiaomeng Guo

CYT 211

Time to Change? Product Line Design for Two-Dimensional Quality Products

Presenter: Weiqing Zhang

Lingxiu Dong, Iva Rashkova

How Do Firms Prepare for Natural Disasters: A Study of the Impact of Earthquakes on Chinese Firms?

Presenter: Jia Gao

Ying Rong

Green Technology Development and Adoption: Competition, Regulation, and Uncertainty – A Global Game Approach

Presenter: Xin Wang

Soo-Haeng Cho, Alan Scheller-Wolf

Effect of Consumer Awareness on Corporate Social Responsibility under Asymmetric Information

Presenter: Xiaomeng Guo

Guang Xiao, Fuqiang Zhang

Session 2J – Flexible Production and Service Systems

Day 1: 15:45 – 17:15

Chair: Xuan Wang

CYT 212

Capacity Allocation in Flexible Production Networks: Theory and Applications

Presenter: Zhichao Zheng

Guodong Lyu, Wang Chi Cheung, Mabel C Chou, Chung Piaw Teo, Yuanguang Zhong

How to Efficiently Serve a Finite Number of Jobs in a Tandem System with Flexible Servers?

Presenter: Rowan Wang

Yun Fong Lim, Bingnan Lu

On the Design of Sparse but Efficient Structures in Operations

Presenter: Sarah Yini Gao

Zhenzhen Yan, Chung-Piaw Teo

Worst-Case Analysis of Process Flexibility Designs with Price Differentials

Presenter: Xuan Wang

Shixin Wang, Jiawei Zhang

Session 3A – Behavioral OM II

Day 2: 10:30 – 12:00

Chair: Kun Soo Park

CYT LT2

Modeling Behavioral Biases in Reorder Decisions under Continuous-Review Policies

Presenter: Yong Won Seo

Sea Young Park

Optimal Clustering of Stations for the Bike Sharing System in Seoul

Presenter: Kwanghun Chung

Sangbok Lee, Heejong Lim

Arm's Length Principle under Market Asymmetries When a Rival is also a Customer

Presenter: Kun Soo Park

Se Youn Jung, Woonghee Tim Huh

Behavior-Based Pricing with Incomplete Information on Purchasing History

Presenter: Xuan Wang

Chi To Ng

Session 3B – Innovative Operations II

Day 2: 10:30 – 12:00

Chair: Hsiao-Hui Lee

CYT LT3

Incentivizing R&D for Neglected Diseases

Presenter: Shantanu Bhattacharya

Rongrong Luo, Niyazi Taneri, Ying Xu

Perils of Bargaining Power in Biotechnology R&D Licensing

Presenter: Niyazi Taneri

Arnoud De Meyer

Rights of First Negotiation and Rights of First Refusal in New Product Development Partnerships

Presenter: Guangyu Wan

Shantanu Bhattacharya, Sameer Hasija, Niyazi Taneri

Natural Disasters, Technology Diversity, and Operating Performance

Presenter: Hsiao-Hui Lee

Po-Hsuan Hsu, Shu-Cing Peng, Long Yi

Session 3C – OM-Marketing Interface III

Day 2: 10:30 – 12:00

Chair: Xiaoshuai Fan

CYT LT4

On Stackelberg Structures and the Introduction of Store Brand

Presenter: Jing Liu

Ke Fu

Dynamic Price Competition Among Single-Channel Sellers with Fixed Capacities

Presenter: Boqian Song

Michael Z.F. Li

Incentive Mechanisms for Managing Hidden Rebates and Inflated Quotes of a Procurement Service Provider

Presenter: Xiaoshuai Fan

Ying-Ju Chen, Christopher S. Tang

Session 3D – Supply Chain Management I

Day 2: 10:30 – 12:00

Chairs: Ye Lu & Miao Song

CYT LT5

Managing Perishable Inventory Systems with Product Returns and Remanufacturing

Presenter: Guitian Liang

Ke Fu, Xiting Gong

Efficient Algorithms for Reliable Facility Location Problem under Uncertain Disruptions

Presenter: Yongzhen Li

Xueping Li, Jia Shu, Miao Song, Kaike Zhang

Approximation Approaches for Inventory Systems with General Production/Ordering Cost Structures

Presenter: Miao Song

Ye Lu, Yi Yang

Newsvendor Problem with Endogenous Price and Partial Demand Information

Presenter: Ye Lu

Rongchuan He

Session 3E – Robust Optimization

Day 2: 10:30 – 12:00

Chair: Daniel Zhuoyu Long

CYT LT6

Tractable Distributionally Robust Optimization with Data

Presenter: Peng Xiong

Zhi Chen, Melvyn Sim

Risk Minimization in Robust Inventory Routing Problem

Presenter: Zheng Cui

Daniel Zhuoyu Long, Jin Qi, Lianmin Zhang

On The Heavy Tail Behavior of Distributionally Robust Newsvendor Models

Presenter: Karthik Natarajan

Anulekha Dhara, Bikramjit Das

Calibration of Distributionally Robust Optimization Models

Presenter: Andrew Lim

Jun-ya Gotoh, Michael Kim

Session 3F – Inventory Management I

Day 2: 10:30 – 12:00

Chair: Yi Yang

CYT LT7

Newsvendor Decision with Two Reference Profits: Minimum Requirement and Status Quo

Presenter: Ying Wei

Sijia Xiong, Sen Zhou

Managing Inventory for a Multidivisional Firm with Cash Pooling

Presenter: Jianan Wang

Kevin Shang, Yi Yang

Risk Sharing, Inventory and Financial Decisions with Cooperative Financing

Presenter: Bin Cao

Xin Chen, Yuanguang Zhong, Yong-Wu Zhou

Dual-index Policies for Two-Echelon Inventory Systems with Dual Delivery Modes and Batch Orders

Presenter: Chaolin Yang

Jie Wu, Qiang Wang

Session 3G – Practice-Driven OM

Day 2: 10:30 – 12:00

Chair: Yanzhi Li

CYT LT8

Multi-Objective Optimization for the Vehicle Routing Problem with Outsourcing and Profit Balancing

Presenter: Hu Qin

Zizhen Zhang, Yanzhi Li

Mining Triage Notes to Predict Emergency Department Admissions

Presenter: Zhankun Sun

Han Ye, Dongmei Wang, Haipeng Shen, Eddy Lang

Data Driven Assortment Planning for Online Commerce

Presenter: Huiqiang Mao

Yanzhi Li

Effects of the Price Cap Regulation on the Pharmaceutical

Presenter: Xu Chen

Huan Yang, Xiaojun Wang

Session 3H – Sharing Economy III

Day 2: 10:30 – 12:00

Chair: Zhenyu Hu

CYT 201

Robust Repositioning for Vehicle Sharing

Presenter: Zhenyu Hu

Long He, Meilin Zhang

Charging Electric Vehicle Sharing Fleet

Presenter: Long He

Guangrui Ma, Wei Qi, Xin Wang

An Empirical Analysis of Price Formation, Utilization, and Value Generation in Ride Sharing Services

Presenter: Liu Ming

Tunay Tunca, Yi Xu, Weiming Zhu

Maximizing the Benefits of an On-Demand Workforce: Fill Rate-Based Allocation and Coordination Mechanisms

Presenter: Zhichao Zheng

Tao Lu, Yuanguang Zhong

Session 3I – Sustainable Operations III

Day 2: 10:30 – 12:00

Chair: Ying Xu

CYT 211

Using Flexible Substitution in Remanufacturing Programs to Become More Sustainable

Presenter: Baolong Liu

Felix Papier

Optimal MTS and MTO Hybrid Production System for a Single Product under the Cap-and-Trade Environment

Presenter: Yu Cao

Shouyao Xiong, Qingsong Li, Chuanyan Yu, Kai Huang

Two-period Manufacturing and Remanufacturing production planning under carbon tax regulation

Presenter: Qingyu Zhang

Guowei Dou

Crowdfunding for Green Energy Investment

Presenter: Ying Xu

Ronghuo Zheng, Katia Sycara

Session 3J – Stochastic Models and Queueing I

Day 2: 10:30 – 12:00

Chair: Xuefeng Gao

CYT 212

Optimal Pricing and Equilibrium Queueing Strategy with Rating Information

Presenter: Fengfeng Huang

Pengfei Guo, Yulan Wang

Price-Directed Cost Sharing and Demand Allocation among Service Providers with Multiple Demand Sources and Multiple Facilities

Presenter: Huihui Wang

Yimin Yu, Saif Benjaafar

Efficient Inaccuracy: Information Sharing in a Queue

Presenter: Jianfu Wang

Ming Hu

Limit Theorems for Stationary Hawkes Processes and Applications to Infinite Server Queues

Presenter: Xuefeng Gao

Lingjiong Zhu

Session 4A – Healthcare Operations II

Day 2: 14:00 – 15:30

Chairs: Jingui Xie & Joel Goh

CYT LT2

Scheduling in Operating Theatres with an Entropic Index

Presenter: Jin Qi

Han Ye

Variability Scaling in Health Demands

Presenter: Jun Luo

L. Jeff Hong, Guangwu Liu, Jingui Xie

Personalized Treatments with Contrast-Specific Propensity Score

Presenter: Shasha Han

Joel Goh, Donald Rubin

Bed Allocation to Reduce Overflow

Presenter: Jingui Xie

Mabel C. Chou, Marcus Ang, David D. Yao

Session 4B – Logistics and Transportation I

Day 2: 14:00 – 15:30

Chair: Yong-Hong Kuo

CYT LT3

Logistics Service Quality Measurement in Supply Chain: A Study in China

Presenter: Xuelian Qin

Zhixue Liu, Yong Lin

Matching Policy Optimization of City LCL Carpool Based on Time Windows under the Background of O2O

Presenter: Liping Xu

Jianbin Li, Bin Dai

Agent-Based Simulation Analysis for Measuring Effectiveness of Unmanned Ground Vehicle

Presenter: Lee Jaeyeong

Tracking Technologies for the Efficient Operations of Distribution Center

Presenter: Yong-Hong Kuo

Chun Hung Cheng, Matthew Petering

Session 4C – OM-Marketing Interface IV

Day 2: 14:00 – 15:30

Chair: Xiangyin Kong

CYT LT4

Pricing Strategy and Structure Selection in Dual Channel E-Retail

Presenter: Yufang Fu

Pricing Substitutable Products when Consumers Regret

Presenter: Yunjuan Kuang

Chi To Ng

Continuously Promotional Effect on Two-Stage Pricing and Promotion Strategy for New Product

Presenter: Gaoyan Lv

Lihua Chen

Robust Contract Designs: Linear Contracts for Sales Force Compensation

Presenter: Xiangyin Kong

Yimin Yu

Session 4D – Supply Chain Management II

Day 2: 14:00 – 15:30

Chair: Huawei Duan

CYT LT5

The Significance of “Time” in Supply Chain Interaction

Presenter: Monika Maria Moehring

Information Protection in New Product Development Projects

Presenter: Xiaoqin Wen

Nicholas G. Hall

Contracting for Product Support under Information Asymmetry

Presenter: Dong Li

Serguei Netessine, Nishant Mishra

Price Strategy for CRH Express Supply Chain in Allotments and Spot Market

Presenter: Huawei Duan

Yadong Zhang

Session 4E – Data-Driven Research I

Day 2: 14:00 – 15:30

Chair: Zhaotong Lian

CYT LT6

A DEA Method for Selecting Suppliers in Sustainable Supply Chain Management

Presenter: Yongtong Chen

William Chung

New Product Demand Forecast: Hybrid Structure & Data Driven Approach

Presenter: Shanshan Huang

Andrew Lim, Tong Wang

Data-Driven Consumer Debt Collection via Machine Learning and Approximate Dynamic Programming

Presenter: Qingchen Wang

Ruben van de Geer, Sandjai Bhulai

A Novel Method of Variable Selection in Data Envelopment Analysis with Entropy Measures

Presenter: Zhaotong Lian

Qiang Deng, Qi Fu

Session 4F – Inventory Management II

Day 2: 14:00 – 15:30

Chair: Xiangyu Gao

CYT LT7

Size Matters, So Does Duration: A Joint Optimization of Offer Size and Offer Deadline

Presenter: Wenjie Tang

Zhenyu Hu

Allocation Inequality in Cost Sharing Problem

Presenter: Qinshen Tang

Zhi Chen, Zhenyu Hu

Dynamic Financial Hedging and Inventory Management for Storable Commodity: A Time-Consistent Approach

Presenter: Zhan Pang

Population Monotonicity in Newsvendor Games

Presenter: Xiangyu Gao

Xin Chen, Zhenyu Hu, Qiong Wang

Session 4G – Mechanism Design I

Day 2: 14:00 – 15:30

Chair: Yang Bo

CYT LT8

A Note on Optimal Incentive Contracts in Project Management

Presenter: Anyan Qi

Milind Dawande, Ganesh Janakiraman, Qi Wu

The Informational Role of Buy-Back Contracts

Presenter: Shouqiang Wang

Haresh Gurnani, Upender Subramaniam

Analysis of Scrip Systems: On an Open Question in Johnson et al. (2014)

Presenter: Yang Bo

Milind Dawande, Ganesh Janakiraman

The Effects of Auction Pricing Mechanisms and Social Characteristics in Online Microloan Market

Presenter: Sirong Luo

Dengpan Liu, Radha Mookerjee, Yimin Ye

Session 4H – OM-Finance Interface I

Day 2: 14:00 – 15:30

Chair: Harry Groenevelt

CYT 201

Financial Pooling in a Supply Chain

Presenter: Qu Qian

Ming Hu, Alex Yang

Risk Aversion, Downside Risk Aversion and Cumulative Prospect Theory

Presenter: Qiulin Yang

Zhan Pang, James Huang

Quality Signaling through Crowd-funding Campaign Design

Presenter: Ehsan Bolandifar

A Perfect Financial Hedge for Certain Real Options

Presenter: Harry Groenevelt

Sameer Hasija

Session 4I – Green Efforts and Channel Management

Day 2: 14:00 – 15:30

Chair: Yong Zhang

CYT 211

Can Carbon Cap and Trade Mechanism be Beneficial for Manufacturers?

Presenter: Qiangfei Chai

Zhongdong Xiao, Kee-Hung Lai

Try-Before-You-Buy Strategy with Customer Self-Mending

Presenter: Yiming Li

Gang Li, Giri K. Tayi

Active or Passive? Sustainable Manufacturing in Direct-channel Green Supply Chain: A Perspective of Two Types of Green Product Design

Presenter: Jingzhe Gao

Zhongdong Xiao

How Much can MBG Help Manage the Competition from Gray Markets?

Presenter: Yong Zhang

Sheng Hao Zhang

Session 4J – Stochastic Models and Queueing II

Day 2: 14:00 – 15:30

Chairs: Jingui Xie & Dongyuan Zhan

CYT 212

Priority Service Pricing with Heterogeneous Customers

Presenter: Yaolei Wang

Ping Cao, Jingui Xie

Many-Server Equilibria with Server Effort and Idleness Cost

Presenter: Dongyuan Zhan

Amy R. Ward

Dynamic Scheduling with Uncertain Job Types

Presenter: Yuli Zhang

Zuo-Jun Max Shen, Jingui Xie, Zhichao Zheng

Balanced Routing with Many Servers

Presenter: Zhiheng Zhong

Ping Cao, Junfei Huang

Session 5A – Healthcare Operations III

Day 2: 15:45 – 17:15

Chair: Shenghai Zhou

CYT LT2

Models for Congestion in Maternity Inpatient Wards

Presenter: Yanhan Tang

Alan Scheller-Wolf

Simulation Analytics of Hospital Emergency Department Operations

Presenter: Yong-Hong Kuo

Janny M.Y. Leung, Colin A. Graham

Sequential Clinic Scheduling with Patient Re-Entrant

Presenter: Haolin Feng

Mark Lawley

Asymptotic Optimality of Constant Job-Allowance Policy for Appointment Scheduling

Presenter: Shenghai Zhou

Yichuan Ding, Tim Huh, Guohua Wan

Session 5B – Logistics and Transportation II

Day 2: 15:45 – 17:15

Chair: Achim I. Czerny

CYT LT3

A Modified NSGA-II for the Multi-Trip Vehicle Routing Problem with Workload Balancing

Presenter: Lijun Sun

Haiyang Shi, Xiangpei Hu

Flexibility and Visibility as Antecedents in Synchronodal and Resilient Networks: the Effect of the Development of Dynamic Capabilities with Logistics Service Providers

Presenter: Beatriz Acero

María Jesús Sáenz

A Slots vs. Pricing Game when Routes are Substitutes

Presenter: Achim I. Czerny

Hao Lang

Session 5C – OM-Marketing Interface V

Day 2: 15:45 – 17:15

Chair: **Shiqing Yao**

CYT LT4

Created Unequal: Bundling with Crowdsourced Products

Presenter: **Lu Wang**

Ming Hu

When will Bundling of Cross-Industry Products be Preferable?

Presenter: **Hua Xiao**

Yongquan Li

Try-Before-You-Buy Strategy with Customer Self-Mending

Presenter: **Yiming Li**

Gang Li, Giri K. Tayi

The Role of Anticounterfeit Technology in Combating Counterfeit Products

Presenter: **Shiqing Yao**

Kaijie Zhu

Session 5D – Supply Chain Management III

Day 2: 15:45 – 17:15

Chair: **Monika Maria Moehring**

CYT LT5

The Effect of Information System Connectivity and Relationship Commitment on Structured and Non-Structured Information Sharing and Supply Chain Performance: An Extended Resource Based View

Presenter: **Siyu Li**

Baofeng Huo, Qiang Zhou, Xiande Zhao

OEM Selling Channels and Supply-Chain Performance

Presenter: **Ting-Kai Chang**

Chia-Wei Kuo, Hsiao-Hui Lee, Kwei-Long Huang

Game Analysis and Mechanism Choices of Supplier Product Adulteration Behavior

Presenter: **Hanli Hu**

Yu Cao, Guangyu Wan

“At Any Cost”? Diagnosing the Acceptance of Industry Implementation in the Supply Chain

Presenter: **Monika Maria Moehring**

Session 5E – Data-Driven Research II

Day 2: 15:45 – 17:15

Chair: **Li Luo**

CYT LT6

Dynamic Pricing with Demand Learning: The Effect of Varying Cost

Presenter: **Ying Zhong**

Jeff Hong, Guangwu Liu

Improving Display Advertising With Predictive Device Matching: A Machine Learning Approach

Presenter: **Qingchen Wang**

Taco Wijnsma

Identify High-Cost COPD Patients Based on Machine Learning

Presenter: **Li Luo**

Shuhao Lian, Jialing Li, Yong Lei

Session 5F – Inventory Management III

Day 2: 15:45 – 17:15

Chair: Jun Shan

CYT LT7

Joint Inventory and Pricing Control with Consumption Targets

Presenter: Runhao Zhang

Daniel Zhuoyu Long, Tsz Fai Chow

Multi-Product Ordering Policy under Forecast Updates

Presenter: Ke Mao

Ke Fu

Multi-Season Production Planning under Export Quotas

Presenter: Tianxiao Chen

Xiting Gong, Qing Li, He Xu

Supplier-Base Concentration and Inventory Efficiency: Evidence from Chinese Manufacturing Firms

Presenter: Jun Shan

Yize Hu, Jinwen Ou

Session 5G – Mechanism Design II

Day 2: 15:45 – 17:15

Chair: Jiayan Xu

CYT LT8

Sensitivity Analysis on Responsive Pricing and Production Under Imperfect Demand Updating

Presenter: Yan Liu

Geoffrey A. Chua

Option Contract Design for Supply Chain under Asymmetric Cost Information

Presenter: Bo Li

Xue Chen

Mechanism Design with Efficiency and Equality Considerations

Presenter: Zhou Chen

Qi Qi, Changjun Wang, Wenwei Wang

Procurement Auctions with Ex Post Cooperation between Capacity Constrained Bidders

Presenter: Jiayan Xu

Yinbo Feng, Wen He

Session 5H – OM-Finance Interface II

Day 2: 15:45 – 17:15

Chair: Hong Fu

CYT 201

Capacity and Linkage Investments as Opportunity Exploitation and Exploration

Presenter: Shu-Jung Sunny Yang

Kai-Yu Hsieh

Impact of Option Contract on Retailer's Financing and Ordering Decisions

Presenter: Shengya Hua

Xin Zhai

Impact of Social Learning under Supply Disruption Risk

Presenter: Rui Zheng

Biyang Shou, Jun Yang

Supplier's Investment in Manufacturer's Quality Improvement with Equity Holding

Presenter: Hong Fu

Yongkai Ma

Session 5I – Supply Chain Management IV

Day 2: 15:45 – 17:15

Chair: Gang Chen

CYT 211

Online Retailing Gift Rewarding: A Robust Optimization Methods

Presenter: Huan Yu

Yugang Yu, Ye Shi

Scheduling Aircraft Maintenance Tasks with State Constraints

Presenter: Gang Chen

Wen He
