

Yue Jin

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EDUCATION

University of Massachusetts, Amherst, MA

- Ph.D. in Industrial Engineering and Operations Research (February, 2007)

Tsinghua University, Beijing, China

- M.E. in Manufacturing Engineering (July, 2002)
- B.E. in Automotive Engineering (July, 2000)

AWARDS AND HONORS

- Best paper in the closed-loop supply chain track, Production & Operations Management Society, 2007
- Yue Jin, Ana Muriel and Yihao Lu, On the profitability of remanufactured products, presented at the 18th annual conference of POMS, May 4-7, 2007, Dallas, TX, USA
- Semi - Finalist, Supply Chain Management Game for Trading Agent Competition 2005, Edinburgh, Scotland
- Participant of IIE Doctoral Colloquium, Atlanta, GA (May 2005)
- Graduate Student Travel Grants, (May 2005)

PROFESSIONAL EXPERIENCE

- **Researcher, Member of Technical Staff** in Supply Chain Analytical Research Group, Bell Labs Ireland (Jun 2008 – Present, Dublin, Ireland)
- **Post Doctoral Researcher** in Supply Chain Analytical Research Group, Bell Labs Ireland (Nov 2006 – May 2008, Dublin, Ireland)

Research Projects:

- Capacity-expandable Product Design for a Competitive Downstream Market
- Price and Service Competition in an Outsourced Supply Chain

Consultancy Projects:

- The merger of former Alcatel and former Lucent European supply chains
 - Centralization of inventory control for Alcatel-Lucent Central America and Latin America supply chain
- **Research Assistant** in Supply Chain Management Lab, University of Massachusetts (Aug 2002 - Oct 2006, Amherst, MA)

Research Projects:

- On the Profitability of Remanufactured Products
- Single-Warehouse Multi-Retailer Inventory System with Full-Truckload Shipments
- Optimal Ordering Policies with Convertible Lead Times
- **Research Assistant** in Virtual Manufacturing Lab, Tsinghua University (Aug 2000 - Jul 2002, Beijing, China)

Research Project:

- Computer-Aided Design and Manufacturing System of Helmets

OTHER PROFESSIONAL EXPERIENCE

- **Ad-hoc Lecturer** in the courses: Statistical Quality Control (MIE 422), Production Planning (MIE 477) and Logistics (MIE 697q)
- **Peer Reviewer** for *Naval Research Logistics*
- **Chair** of Session TC10 - Transportation and Inventory Control, INFORMS Annual Meeting 2004, Denver. CO

PUBLICATIONS

Journal Publications

- **Y. Jin** and A. Muriel, Single-Warehouse Multi-Retailer Inventory Systems with Full Truck-Load Shipments, under revision in *Naval Research Logistics*, 2006
- G. Gallego, **Y. Jin**, A. Muriel, G. Zhang and V.T. Yildiz, Optimal Ordering Policies with Convertible Lead Times, *European Journal of Operational Research*, 176 (2), p.892-910, Jan 2007

Conference Publications

- K. Ke, **Y. Jin** and H. Zhang, A hybrid push-pull model based multi-agent supply-chain system with equilibrium analysis, IEEE/WIC/ACM IAT-2007, Silicon Valley, Nov. 2-5, 2007
- K. Ke, **Y. Jin** and H. Zhang, Equilibrium analysis based pricing mechanism in a multi-agent based supply-chain system, Multi-agent Systems in E-business: Concepts, Technologies and Applications (MASeB 2007), Silicon Valley, Nov. 2-5, 2007
- R. van der Krogt, J. Little, K. Pulliam, S. Hanhilahti and **Y. Jin**, Scheduling for Cellular Manufacturing, Proceeding of the 13th International Conference on Principles and Practice of Constraint Programming [CP '2007], Sep. 2007, Providence, RI, USA
- **Y. Jin**, A. Muriel and Y. Lu, On the Profitability of Remanufactured Products, Conference Proceeding of the 12th M&SOM conference, Jun. 2007, Beijing, China

- **Y. Jin** and A. Muriel, Single-Warehouse Multi-Retailer Inventory Systems with Full Truck-Load Shipments, Conference Proceeding of the 10th M&SOM Conference, Jun. 2005, Chicago, IL
- **Y. Jin** and A. Muriel, Multi-Stage Inventory System with Full-Truckload Shipments, Conference Proceeding of 2004 NSF Design, Service and Manufacturing Grantees and Research Conference, 2004, Dallas, TX
- **Y. Jin**, Z. Li, L. Zheng and H. Liu, Wavelet-Base Multi-scale Modification of Helmet's Surface, Conference Proceeding of Joint 2002 International Conference of Industrial Engineering and Enterprise Management & 2002 International Conference on eCommerce Engineering, 2000, Beijing, China

Work in Progress

- Q. Wang, **Y. Jin**, M. Dogru and U. Ozen, Capacity-expandable Product Design for a Competitive Downstream Market
- **Y. Jin** and J. Ryan, Price and Service Competition in an Outsourced Supply Chain
- **Y. Jin**, A. Muriel and Y. Lu, On the Profitability of Remanufactured Products
- E. Baker, A. Muriel and **Y. Jin**, Impact of the Quality and Cost of Information on the Reverse Supply Chain

Industrial Reports

- Muriel, A., **Y. Jin** and R. Ruiz-Benitez (2005), Analysis of Material and Logistics Flows for the Decommissioning of the Yankee Rowe Atomic Plant

PRESENTATIONS

- On the Profitability of Remanufactured Products, M&SOM Conference, Jun 2007, Beijing, China
- On the Integration of Production, Transportation and Inventory Control, INFORMS UMass Student Chapter Seminar Series, March 10th 2006, Amherst, MA
- Single-Warehouse Multi-Retailer Inventory Systems with Full Truckload Shipments, M&SOM Conference, Jun 2005, Chicago, IL

MEMBERSHIP

- Alpha Pi Mu - Industrial Engineering Honor Society
- INFORMS - Institute for Operations Research and Management Science
- IIE - Institute of Industrial Engineering

SKILLS

- Language Skills: Fluent in English and Chinese
- Computer Skills: C/C++, Cplex, AMPL, Matlab, R, SQL and MS Office
- Strong math modeling and analysis skills
- Excellent oral and written communication skills