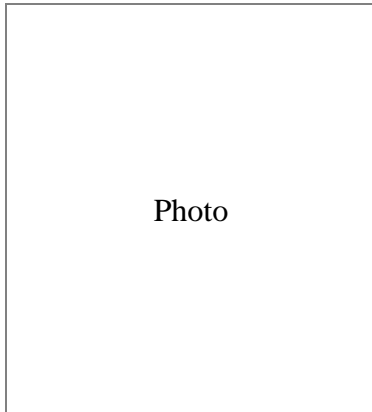


Yun Huang



Title : Assistant Professor
Faculty: MSB
Email address: yuhuang@must.edu.mo
Tel: (853) 8897-2038
Fax: (853) 2882-3281
Office: A424
Address: Wai Long, Taipa, Macau

Teaching and Research Areas :

Business Statistics; Purchasing and Supply Management;
Decision Modeling; Project Management
Supply Chain Management; Tourism Supply Chain; Green
Supply Chain Management; Inventory Management;
Game theory; Scheduling.

Academic Qualifications

2006-2010 Ph.D / Logistics and Supply Chain Management / The University of Hong Kong
2004-2006 Master / Operations Research and Cybernetics / Zhejiang University, Hangzhou, China
2000-2004 Bachelor / Information and Computational Science / Southeast University, Nanjing, China

Working Experience

2011- Now Macau University of Science and Technology / School of Business / Assistant Professor
2010 - 2011 The University of Hong Kong / IMSE/ Post-Doc

Representative Publication

Journal Papers:

Y. Huang, K. Wang, T. Zhang, C. Pang. 2016. Green Supply Chain Coordination with Carbon Emissions Management: A Game-theoretic Approach. *Journal of Cleaner production*. 112, 2004-2014. (IF:3.844, 24/224 in Environment Science)

K. Wang, **Y. Huang***, H. Qin. 2016. A Fuzzy Logic-based Hybrid Estimation of Distribution Algorithm for Distributed Permutation Flowshop Scheduling Problems under Machine Breakdown. *Journal of the Operational Research Society*. 67, 68-82.

S. Deng, R. Aydin, C.K. Kwong, **Y. Huang**. 2014. Integrated Product Line Design and Supplier Selection: A Multi-objective Optimization Paradigm. *Computers and Industrial Engineering*. 70, 150-158.

Yun Huang, H.Y. Song, G.Q. Huang, J. M. Lou. 2012. A Comparative Study of Tourism Supply Chains with Quantity Competition. *Journal of Travel Research*. 51, 717-729. (IF: 2.442, 4/43 in Hospitality, Leisure, Sport & Tourism)

K. Wang, S.H. Choi, H. Qin, **Y. Huang**. 2012. A cluster-based scheduling model using SPT and SA for dynamic hybrid flow shop problems. *International Journal of Advanced Manufacturing Technology*. 1-16, December.

Y. Huang, G.Q. Huang. 2011. Coordinating Pricing and Inventory Decisions in a Multi-Level Supply Chain: A Game-Theoretic Approach. *Transportation Research Part E: Logistics and Transportation Review*. 47(2), 115-129.

Y. Huang, G.Q. Huang. 2010. Price Coordination in a Three-Level Supply Chain with Different Channel Structures Using Game-Theoretic Approach. *International Journal of Management Science and Engineering Management (MSEM)*. 5(2), 83-94.

Y. Huang, G.Q. Huang. 2010. Joint Pricing and Inventory Replenishment Decisions in a Multi-level Supply Chain. *Engineering letter*. 18(4), EL_18_4_09.

Y. Huang, G.Q. Huang. 2010. Price Competition and Coordination in a Multi-echelon Supply Chain. *IAENG Engineering letter*. 18(4), EL_18_4_10.

Book Chapters:

Y. Huang, G.Q. Huang. Integrated Supplier Selection, Pricing and Inventory Decisions in a Multi-level Supply Chain, *Decision-Making for Supply Chain Integration*, Chapter 3, 2012.

Y. Huang, G.Q. Huang. Nash Game-Theoretic Model for Optimizing Pricing and Inventory Policies in a Three-Level Supply Chain. *Electrical Engineering and Applied Computing. LectureNotes in Electrical Engineering*. 2011.

Conference Proceedings:

Y. Huang. 2013. Decentralized Configuration, Pricing and Remanufacturing Decisions in a Multi-level Green Supply Chain. *Proceedings of the World Congress on Engineering and Computer Science*. 2, 1127-1136.

Y. Huang. 2013. Coordinating Pricing and Replenishment Strategies in a Three-level Supply Chain. *Proceeding of the International Conference on Computers and Industrial Engineering (CIE43)*. 1, 132-136.

Y. Huang. 2012. Price Competition in Tourism Supply Chain with Hotels and Travel Agency. *Proceeding of the International Conference on Low-carbon Transportation and Logistics, and Green Buildings*. 1, 419-424.

Y. Huang, G.Q. Huang, X.N. Liu. 2012. Cooperative Game-theoretic Approach for Supplier Selection, Pricing and Inventory Decisions in a Multi-level Supply Chain. *Proceeding of the International Multiconference of Engineers and Computer Scientists*. 2, 1402-1406.

Y. Huang, G.Q. Huang. 2010. Game-Theoretic Coordination of Marketing and Inventory Policies in a Multi-Level Supply Chain (Best student paper award). *Proceedings of the World Congress on Engineering*.

Y. Huang, G.Q. Huang. 2010. Game-theoretic Price Coordination in a Three-Level Supply Chain with Different Channel Structures. *Proceedings of International Conference of Manufacturing Engineering and Engineering Management*.

Y. Huang, G.Q. Huang. 2009. Game Theory Approach for Coordinating Marketing and Inventory Policies in a Two-Echelon Supply Chain with Retailers Competition. *Proceedings of INFORMS International Conference on Service Science*.

Y. Huang, G.Q. Huang. 2008. Optimal Pricing for a Three-Level Supply Chain with Different Channel Structures Using Game-theoretic Approach. Proceedings of Hamburg International Conference of Logistics.

Research Project

2012 – 2013	Comparative Studies of Tourism Supply Chains with Price Competition/ Project Investigator
2012 – 2013	Development of Macau Tourism Supply Chain / Project Investigator