

Xiaohui Zhao

700 Riddle Road Apt. 203
Cincinnati, OH 45220
Cell: 513-328-6683
xhuizhao@mail.uc.edu
xhuizhao@gmail.com

EDUCATION

- Feb. 1998 - Nov. 2003 **Xi'an Jiaotong University** - Xi'an, China
PhD in Industrial Engineering
- Sept. 1995 - Feb. 1998 **Xi'an University of Technology** - Xi'an, China
MS in Automatic Control
- Sept. 1989 - July 1993 **Xi'an University of Technology** - Xi'an, China
BS in Automatic Control

WORK EXPERIENCES

- 2008- present **Professor, vice dean** - College of Mechanical & Electrical Engineering
Xi'an Polytechnic University - Xi'an, China
- 2003- 2007 **Associate professor, vice dean** - College of Mechanical & Electrical Engineering
Xi'an Polytechnic University - Xi'an, China
- 1993 - 2002 **Lecturer** - Department of Mechanical Engineering
Northwest Institute of Textile Science and Technology - Xi'an, China

RESEARCH EXPERIENCES

- **China's manufacturing industry development strategy research**, *National Natural Science Foundation of China* (70043303), 2004-2008
- **Customization production organization and management based on network manufacturing alliance**, *National Natural Science Foundation of China* (70028102), 2000-2003
- **Advanced manufacturing mode and management**, *National Natural Science Foundation of China* (59990470-4), 1994-2003
- **Product data management (PDM) system development supporting collaborative product development**, *Shaanxi Education Department Scientific Research Plan* (08JK304), 2006-2006
- **Collaborative product innovation pattern in western manufacturing industry**, *Shaanxi Education Department Scientific Research Plan* (05JK043), 2006-2006
- **Application of PDM in small-and-medium-sized enterprises**, *Xi'an Science Technology Bureau* (YF07027), 2007-2009
- **Evaluation of emergency medical assistance project after Wenchuan earthquake**, *Shaanxi Bureau of Civil Affairs*, 2008-2009
- **Wool top self adjusted even system design of electromechanical gill machine**, *Xi'an Science Technology Bureau* (GG04039), 2004-2006
- **Rapid response mechanism of collaborative product development in customized supply chain**, *PhD project of Xi'an Polytechnic University*, 2004-2007

PUBLICATIONS

- Xiaohui Zhao, Jianfeng Liang, Xiaoe Zhao. Research on the characteristics of supply chain risk conduction based on the self-organization theory, *International Conference on Computer and Management*, Wuhan, China, May 2011
- Xiaohui Zhao, Awei Zhang, Wei Sun, Jianfeng Liang. An improved genetic algorithm for multiple-machine scheduling problem, *International Conference on Wireless Communication, Networking and Mobile Computing*, Beijing, China, September 2009
- Xiaohui Zhao, Wenhui Liu, Likun Zhu, Jianfeng Liang. Inventory games of manufacturer and supplier under symmetric information, *International Conference on Wireless Communication, Networking and Mobile Computing*, Beijing, China, September 2009
- Xiaohui Zhao, Linyan Sun. A preference restraint DEA approach for supplier selection, *International Conference on Wireless Communication, Networking and Mobile Computing*, Dalian, China, October 2008
- Jie Gao, Mitsuo Gen, Linyan Sun, Xiaohui Zhao. A hybrid of genetic algorithm and bottleneck shifting for multi-objective flexible job shop scheduling problems, *Computers & Industrial Engineering*, 2007, 53(1): 149-162
- Zhao Xiaohui, Su Linyan, Liu Wenhui, Dong Yawen. Improvement genetic algorithm for machine scheduling problem squares setimator is BLUE, *Mathematics in Practice and Theory*, 2007, 37(5): 52-59
- Zhao Xiaohui, Su Linyan, Dong Yawen. Study on supplier involvement in product conceptual development, *Industrial Engineering Journal*, 2007, 10(5): 10-14
- Tuo Xiubing, Zhao Xiaohui, Zhang Ying. Product recovery management in reverse supply chain based on PDM and CRM, *Industrial Engineering Journal*, 2006, 9(4): 83-88
- Zhao Xiaohui, Chen Juhong, Sun Linyan, Su Juning. Cooperation Mechanisms of collaboration product innovation for manufacturer—Supplier, *Industrial Engineering Journal*, 2005, 8(6): 60-63
- X. H. Zhao, W. H. Liu, L. Y. Sun. Research on cooperation mechanisms of manufacturer-supplier in collaboration product innovation, *International Manufacturing Conference*, Jinan, China, September 2004
- Su Juning, Zhao Xiaohui, Liu Shuqing. Inventory coordination in supply chain under asymmetric information, *Journal of Systems engineering*, 2004, 19(5): 538-542
- Su Juning, Liu Shuqing, Zhao Xiaohui. Research on inventory coordination strategy in supply chain under random demand, *Systems Engineering*, 2004, 22(7): 26-30
- Zhao Xiaohui, Su Linyan, Zhao Xiaoe, Xu Heping. The inventory game of manufacturer and supplier under asymmetric information, *Mathematics in Practice and Theory*, 2004, 34(9): 42-47
- Su Juning, Zhao Xiaohui Li Ming. The purchasing management based on integrated supply chain, *Industrial Engineering and Management*, 2004(3):37-40
- Xu Heping, Zhao Xiaohui, Sun Linyan. Study on formation and Implement of green manufacturing, *China Mechanical Engineering*, 2003, 14(14): 1211-1214
- Zhao Xiaohui, Zhao Xiaomiao. Vendor-selection method based on fuzzy decision making, *Industrial Engineering and Management*, 2002(4): 27-29
- Zhao Xiaohui, Su Linyan, Zhang Tao. Study on network based manufacturing resource integration, *China Mechanical Engineering*, 2002, 13(14): 1206-1208
- Xiaohui Zhao, Linyan Sun, Jie Gao, A framework to manage supplier involvement in new product development, *Proceeding of Industrial Engineering & Engineering Management*, Beijing, China, September 2002
- Zhao Xiaohui, Sun Linyan. Theory of Oligopoly and Repeat Game, *System engineering theory and Practice*, 2001, 21(3): 116-119

HONORS/AWARDS

- ✧ *Distinguished Teacher*, Xi'an Polytechnic University, 2009
- ✧ *Second class award of Progress in Science and Techniques*, Shaanxi Province, 2008
- ✧ *Second class award of Progress in Science and Techniques*, Shaanxi Province, 2007
- ✧ *Hong Kong SangMa Award*, Hong Kong SangMa Foundation, 2007
- ✧ *First class award of Progress in Science and Techniques*, Shaanxi Education, 2006
- ✧ *Outstanding Young Teacher Award*, Shaanxi Province, 2005
- ✧ *Outstanding Teacher*, Xi'an Polytechnic University, 2004 - 2005