

## IMS Researcher Profile

**Institution: UM**

**Name:** Xiaoning Jin

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734-615-7445



Expertise: Option-based maintenance management

**Current Research Activities:** Research on Joint Production and Maintenance System based on Option, Maintenance Management, Asset Fluctuation impacts on Production System

**Dissertation/Thesis Topics:** N/A

### Project 1:

- BorgWarner Inc., NY, U.S. Manufacturing Process Simulation Project
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### Project 2:

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**Skills:** Matlab, Maple, Ampl, Unigraphics, MasterCam, AutoCad, minitab

Previous Background: Bachelor in Industrial Engineering & Management, Shanghai Jiao Tong University,

Master in Industrial & Operations Engineering, University of Michigan.

### Publications:

[1] Jin Xiaoning, Ma Chunxiang, "Evaluation in Intensity of Labor Based on PAPERS Comprehensive Fuzzy Evaluation Method", Journal of Industrial Engineering and Management vol.12,2007

[2] X.Zeng, Xiaoning Jin and W Qiang, "Trading Options in Supply Chain". Proceedings of the IEEE International Conference on Industrial Engineering and Engineering Management, Singapore, Dec 2007

[3] Xiaoning Jin, Lin Li, Jun Ni, "Option Model for Joint Production and Preventive Maintenance System". University of Michigan, Ann Arbor Working Paper 2007. (To be submitted to International Journal of Production Economics)