

# 6<sup>th</sup> International Workshop on Microfactories

October 5-7, 2008  
Evanston, IL - USA

## Call for Papers

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Shiv Kapoor        University of Illinois at Urbana/Champaign, USA



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Quan Zhou	Northwestern Polytechnic University, China

### Workshop Scope

There is incredible potential in reducing the physical scale of numerous processes related to the manufacture of many forms of future dense "mechatronic" products and the manipulation of microscopic and nanoscopic objects and materials for the benefit of mankind. Small systems capable of these operations can be referred to as "microfactories." A worldwide effort is currently underway to bring such microfactories to fruition. After the previous successful International Workshops on Microfactories, which took place in Tsukuba, Japan in 1998, in Fribourg, Switzerland in 2000, in Minneapolis, Minnesota in 2002, in Shanghai, China in 2004 and Besancon, France in 2006 the 6th International Workshop on Microfactories (IWMF'08) will be held in Evanston, Illinois, USA on October 5-7, 2008.

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### Topics include but are not limited to

- System Aspects of Microfactories
- Industrial Engineering for Microfactories
- Microassembly & Handling Technologies
- Microsensors & Microactuators
- Micromachining & 3D Microstructuring Microfactories for Mechatronic, Chemical, Medical, Pharmaceutical & Biotechnological Applications
- Scaling of Manufacturing Systems
- Control and Automation Aspects of Microfactories
- Standardization
- Link to Nanotechnologies
- Innovations, Visions for the Future
- Personal factory
- Self-assembly of mechanical devices for automated production
- Task oriented Microsystems

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### Deadlines

Submission of Abstracts      **April 15, 2008**  
Authors notified                **May 15, 2008**  
Full Papers submission        **August 15, 2008**

### General Information Contact

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### Abstract Submission

For abstract submission information please refer to the website [www.iwmf2008.northwestern.edu](http://www.iwmf2008.northwestern.edu)

### Paper Submission

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### Author Notification

Authors will be notified of abstract acceptance by May 15, 2008. Authors of accepted abstracts must submit full papers and will be selected either for oral or poster presentation.