6th International Workshop on Microfactories
October 5-7, 2008
Evanston, IL - USA

Call for Papers

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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.

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

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

Abstract Submission
For abstract submission information please refer to the website www.iwmf2008.northwestern.edu

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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.