



# First Call for Papers



## 2009 JSME-IIP/ASME-ISPS Joint Conference on Micromechatronics for Information and Precision Equipment (MIPE 2009)

<http://www.jsme.or.jp/conference/iipconf09/>

June 17-20, 2009, Tsukuba International Congress Center, Ibaraki, Japan

Participating Divisions: JSME Information, Intelligence and Precision (IIP) Equipment Division  
ASME Information Storage and Processing Systems (ISPS) Division

Conference Chairs: Shigehisa Fukui, Tottori University, Japan, [fukui@damp.tottori-u.ac.jp](mailto:fukui@damp.tottori-u.ac.jp)  
Frank E. Talke, UCSD, USA, [ftalke@ucsd.edu](mailto:ftalke@ucsd.edu)

Presentations are solicited for presentation at MIPE 2009. Relevant technologies include (i) storage devices and relating technologies such as head/disk interface and tribology, mechanism and control, (ii) flexible media feeding and handling machines, (iii) image processing and printing technologies, (iv) intelligent machines, (v) bio-medical equipments, (vi) precision equipments and (vii) micro/nanosystem science and technology.

Potential presenters should submit an abstract for review. Please submit the abstract via MIPE 2009 web page. Once the paper is accepted for presentation, the authors shall prepare a two-page extended abstract to be included in conference proceedings. Presenters could also submit a full paper to be published in a Special Issue of JSME online journal *Journal of Advanced Mechanical Design, Systems, and Manufacturing*. Submitted papers will be peer-reviewed before publication. Sessions and organizers are listed on the reverse side and detailed information will appear in MIPE 2009 web page.

### Important Deadlines

- January 5, 2009: Abstract due, less than 600 words without figures and tables via MIPE 2009 web page
- February 13, 2009: Notification of acceptance
- April 10, 2009: 2-page extended abstract in camera-ready PDF format due, instructions and template will be provided in MS Word file.
- June 17 – 20, 2009: MIPE 2009 Conference
- July 20, 2009: Full paper due, Special Issue will appear in *Journal of Advanced Mechanical Design, Systems, and Manufacturing* (JSME online journal). Web page of the journal is:  
[http://www.i-product.biz/jsme/eng/data/jamdsm/jamdsm\\_index.html](http://www.i-product.biz/jsme/eng/data/jamdsm/jamdsm_index.html)

## Sessions and Organizers

Session name	Organizers (to be added)	e-mail
<b>Head/Disk Interface and Tribology</b>	N. Tagawa (Kansai Univ.)	tagawa@ipcku.kansai-u.ac.jp
<b>Drive Mechanisms</b>	H. Yamaura (TITech)	yamaura@mech.titech.ac.jp
<b>Servo Control</b>	M. Hirata (Utsunomiya Univ.)	hirata@cc.utsunomiya-u.ac.jp
<b>Micro/Nanomechatronics</b>	H. Kotera (Kyoto Univ.)	kotera_hide@me.kyoto-u.ac.jp
<b>Bio-medical Equipments</b>	M. Tanaka (Tohoku Univ.)	mami@rose.mech.tohoku.ac.jp
<b>Intelligent Machines</b>	H. Takahashi (Shonan IT)	taka-hiro@sc.shonan-it.ac.jp
<b>Flexible Media Feeding and Handling Machines</b>	H. Hashimoto (Tokai Univ.)	hiromu@keyaki.cc.u-tokai.ac.jp
<b>Imaging and Printing Technologies</b>	H. Kawamoto (Waseda Univ.)	kawa@waseda.jp
<b>Precision Equipments</b>	M. Horie (TITech)	mahorie@pi.titech.ac.jp
<b>Micro/Nanosystem Science and Technology</b>	Y. Ando (AIST)	yas.ando@aist.go.jp
<b>Simulation of Nanoscale Phenomena</b>	K. Fukuzawa (Nagoya Univ.)	fukuzawa@nuem.nagoya-u.ac.jp
<b>Optical Storage</b>	J. Ichihara (Fujitsu Lab.)	ichij@jp.fujitsu.com

## Location and Access of Tsukuba City



## Background of MIPE 2009

In JSME (Japan Society of Mechanical Engineers), the IIP (Information, Intelligence and Precision Equipment) Division is the major division working on information storage systems, intelligent machines, precision machines, bio-medical equipments, etc. IIP has its annual conference held in Japan. In ASME (American Society of Mechanical Engineers), the ISPS (Information Storage and Processing Systems) Division is devoted to disk drives, tape drives, optical drives, etc. Similarly, ISPS has its annual conference held at San Jose. IIP and ISPS agree to hold the joint MIPE conference every 3 years alternating between Japan and US. Both IIP and ISPS merged their own annual conferences into MIPE so that most people can attend. The joint MIPE conferences were held at Yokohama, Japan in 2003, and at San Jose, USA in 2006.