



Second 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
Frank E. Talke, UCSD, USA, 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

Sessions and Organizers

Session name	Organizers
Head/Disk Interface and Tribology	Norio Tagawa (Kansai University) Frank E. Talke (University of California at San Diego) Peter Baumgart (Hitachi Global Storage Technologies)
Drive Mechanisms	Hiroshi Yamaura (Tokyo Institute of Technology) Eng Hong Ong (Data Storage Institute)
Servo Control	Mitsuo Hirata (Utsunomiya University) Ray de Callafone (University of California at San Diego)
Micro/Nanomechatronics	Hidetoshi Kotera (Kyoto University) Toshiki Hirano (Hitachi Global Storage Technologies)
Bio-medical Equipments	Mami Tanaka (Tohoku University) Behrad Khamesee (University of Waterloo)
Intelligent Machines	Hiroshi Takahashi (Shonan Institute of Technology) James Chang (Massey University)
Flexible Media Feeding and Handling Machines	Hiromu Hashimoto (Tokai University) James Chang (Massey University)
Imaging and Printing Technologies	Hiroyuki Kawamoto (Waseda University) George Chiu (Purdue University)
Precision Equipments	Mikio Horie (Tokyo Institute of Technology) Shrinivas T. Tadepali (Seagate)
Micro/Nanosystem Science and Technology	Yasuhisa Ando (National Institute of Advanced Industrial Science and Technology) Jeff McAllister (Hewlett-Packard)
Simulation of Nanoscale Phenomena	Kenji Fukuzawa (Nagoya University) Lin Wu (Univ. of Nebraska)
Optical Storage / Optical Devices for Storage	Junichi Ichihara (Fujitsu Laboratory) No-Cheol Park (Yonsei University)

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.