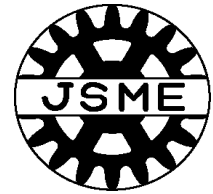




Second Call for Papers



<http://divisions.asme.org/isps/conf/MIPE06/>

2006 ASME/JSME Joint Conference on Micromechatronics for Information and Precision Equipment (MIPE 2006)

June 21-23, 2006, Santa Clara, California, USA

Participating Divisions: ASME Information Storage and Processing Systems (ISPS) Division
ASME Tribology Division, Symposium on Frontiers of Magnetic Hard Disk Drive Technology and Tribology
JSME Information, Intelligent and Precision (IIP) Equipment Division

Conference Chairs: I. Y. (Steve) Shen, University of Washington, USA, ishen@u.washington.edu
Shozo Saegusa, Hiroshima University, Japan, shosaegu@hiroshima-u.ac.jp

Presentations are solicited for presentation at MIPE 2006. Relevant technologies include (i) magnetic and optical devices in the form of rigid disk, flexible disk, or tape media, (ii) processing systems such as copiers, printers, digital cameras, scanners, and data servers, and (iii) intelligent machines, biomedical equipment, and wearable systems. The following technical areas are indicative of the conference interdisciplinary scope: dynamics, vibrations, acoustics, tracking, friction, wear, lubrication, corrosion, contamination, thin films, contact mechanics, actuators, servo, motors and spindles, air flow, air-flow induced vibrations, heat transfer, image writing technologies (ink jet, thermal, laser printing, etc.), paper handling, roller mechanics, and image science.

Potential presenters should submit a one-page abstract for review. Please submit the one-page abstract to session organizers listed on the reverse side of the call for paper. Once the paper is accepted for presentation, the authors shall prepare a three-page extended abstract to be included in a conference abstract booklet. Presenters could also submit a full paper to be published in a Special Edition of *Microsystem Technologies* (impact factor: 0.732). Submitted papers will be peer-reviewed before publication.

Important Deadlines

- January 6, 2006: 1-page abstract due, submit 1-page abstract to session organizers; see reverse side.
- February 10, 2006: Notification of acceptance
- March 21, 2006: 3-page extended abstract due for conference publication
Email 3-page abstract to: jen-yuan.chang@hitachigst.com
- May 1, 2006: Nomination of ISPS Fellowships (students only)
- June 21-23, 2006: MIPE 2006 Conference
- June 23, 2006: Full paper submitted to *Microsystem Technologies*, email the paper draft in PDF format to ishen@u.washington.edu.
- Sep 30, 2006: Notification of journal paper acceptance
- Nov 25, 2006: Author's response and revision due
- June 30, 2007: Publication of MIPE 2006 Special Issue

Session Organizers

Session Name	Organizer	Email
Tribology Symposium (Tribology Division)	Yiao-Tee Hsia (Seagate) Mike Suk (HGST)	yiao-tee_hsia@seagate.com Mike.Suk@hgst.com
Tribology, Head/Disk Interface	Frank Talke (UC San Diego) Bo Liu (DSI) T. Yamamoto (Toshiba) Junguo Xu (Hitachi)	ftalke@ucsd.edu Liu_Bo@dsi.a-star.edu.sg takayuki.yamamoto@toshiba.co.jp Junguo.Xu@hitachigst.com
Spindle Motor & Acoustics	Steve Shen (U Washington) Gunhee Jang (Hanyang U)	ishen@u.washington.edu ghjang@hanyang.ac.kr
Actuator & Suspension	Roger Ku (Western Digital) Kenji Aruga (Fujitsu)	roger.ku@wdc.com aruga@cs.fujitsu.co.jp
HDD Servo Control	Raymond de Callafon (UCSD) Lin Guo (Maxtor) Guoxiao Guo (DSI) William Messner (CMU)	callafon@ucsd.edu lin_guo@maxtor.com GUO_Guoxiao@dsi.a-star.edu.sg bmessner@andrew.cmu.edu
Flow-Induced Vibration	Srinivas Tadepalli(Seagate) Norio Tagawa (Kansai U)	srinivas.tadepalli@seagate.com tagawa@ipcku.kansai-u.ac.jp
Flexible Media Mechanics and Tape Storage	Richard Jewett (Imation) Hiromu Hashimoto (Tokai U)	rejewett@imation.com hiromu@keyaki.cc.u-tokai.ac.jp
Optical Storage	No-Cheol Park (Yonsei U) Takeshi Shimano (Hitachi)	pnch@yonsei.ac.kr shimano@crl.hitachi.co.jp
Image Construction Technology	George Chiu (Purdue U) Hiroyuki Kawamoto (Waseda U)	gchiu@purdue.edu kawa@waseda.jp
Micro/Nano-technologies	Toshiki Hirano (Hitachi GST) Lin Wu (U Nebraska) Kenji Fukuzawa (Nagoya U)	Toshiki.Hirano@hitachigst.com linwu@unlserve.unl.edu fukuzawa@nuem.nagoya-u.ac.jp
Bio-medical Equipment and Intelligent Machines	Behrad Khamesee (U. Waterloo) Masahiro Ohka (Nagoya U) Mami Tanaka (Tohoku U)	khamesee@mecheng1.uwaterloo.ca ohka@is.nagoya-u.ac.jp mami@rose.mech.tohoku.ac.jp
Future Technology	ONG Eng Hong (DSI)	ONG_Eng_Hong@dsi.a-star.edu.sg
Operational and Non- Operational Shock Analysis	Srinivas Tadepalli(Seagate)	srinivas.tadepalli@seagate.com

Background of MIPE 2006:

In ASME (American Society of Mechanical Engineers), the ISPS (Information Storage and Processing Systems) Division is the major division working on disk drives, tape drives, optical drives, etc. ISPS has its annual conference held at San Jose in June every year. In JSME (Japanese Society of Mechanical Engineers), the IIP (Information, Intelligent, and Precision Machines) Division is devoted to information storage systems and other areas, such as precision machines and equipment. Similarly, IIP has its annual conference held in Japan. In year 2003, ISPS and IIP worked together to have a joint conference called MIPE (Micromechatronics for Information and Precision Equipment). The conference was held at Yokohama, Japan. Moreover, both ISPS and IIP merged their own annual conferences in 2003 into MIPE so that most people can attend. ISPS and IIP agree to hold the joint MIPE conference every 3 years alternating between US and Japan. Moreover, the *Symposium on Frontiers of Magnetic Hard Disk Drive Technology and Tribology* from ASME Tribology Division will be held jointly in MIPE 2006.