



# ISPS/MIPE 2018

Information Storage and Processing Systems  
and Micromechatronics for Information  
and Precision Equipment

## CONFERENCE

August 29-30, 2018

Hilton San Francisco Financial District,  
San Francisco, CA

***ASME/JSME 2018 Joint Conference on Information Storage and Processing Systems and Micro-mechatronics for Information and Precision Equipment (ISPS/MIPE 2018)***

**August 29-30, 2018, Hilton San Francisco Financial District, San Francisco, California, USA**



## Call for Papers (ISPS/MIPE 2018)

Conference Website: <https://www.asme.org/events/isps>

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

Conference Chairs: Dr. Aravind Murthy, Western Digital, USA, [aravind.murthy@wdc.com](mailto:aravind.murthy@wdc.com)  
Prof. Gen Hashiguchi, Shizuoka University, Japan, [hashiguchi.gen@shizuoka.ac.jp](mailto:hashiguchi.gen@shizuoka.ac.jp)

2018 ASME-ISPS/JSME-IIP Joint International Conference on Micromechatronics for Information and Precision Equipment (MIPE 2018) is now soliciting technical presentations for the conference to be held at Hilton San Francisco Financial District, California, USA, from August 29 to August 30, 2018. Jointly organized by the Information Storage and Processing Systems (ISPS) division of ASME and the Information, Intelligence and Precision Equipment Division (IIP) of JSME, the conference covers a wide spectrum of research topics in areas (listed in the next page). For this year, the MIPE 2018 is co-located with ASME InterPACK Conference (<https://www.asme.org/events/interpack>).

## Conference Features

- One Best Paper Award for each technical track.
- One Best Student Paper Award.
- Two ISPS Division Graduate Student Fellowships in the form of USD 2500 each and registration fee waiver.
- Six Conference Scholarships for graduate students in the form of registration fee waiver.
- Discounted registration fees for ASME and JSME members and students, respectively.

## Important Dates

<b>Submission of 1-page Abstract</b>	<b>March 1, 2018</b>
<b>Author Notification of Abstract Acceptance</b>	<b>March 5, 2018</b>
<b>Submission of 3-page extended abstract for Review</b>	<b>March 26, 2018</b>
<b>Author Paper Review Complete/Notification of acceptance</b>	<b>April 2, 2018</b>
<b>Electronic Copyright Form Submission Process Opens</b>	<b>April 2, 2018</b>
<b>Submission of Copyright Form</b>	<b>April 9, 2018</b>
<b>Submission of Final 3-page Paper</b>	<b>May 18, 2018</b>

## Technical Tracks and Organizers

Technical Session	Organizers (to be updated/confirmed)
Head/Media Interface and Tribology	Prof. F. E. Talke (UCSD, USA) Dr. Junguo Xu (HGST, Japan) Dr. Andrey Ovcharenko (WD, USA) Prof. Hiroshige Matsuoka(Tottori Univ., Japan)
Drive Mechanisms	Dr. Keiji Aruga (ARC, Japan) Dr. Yanning Liu (WD, USA)
Servo Control	Dr. Guoxiao Guo (WD, USA) Dr. Eng Hong Ong (SUTD, Singapore) Prof. Takenori Atsumi (Chiba Institute of Technology, Japan)
Micro/Nanomechatronics	Prof. Takaaki Suzuki (Gunma Univ., Japan) Dr. Toshiaki Hirano (HGST, USA)
Biomedical Equipment, Medical Robotics/Devices	Prof. Mami Tanaka (Tohoku Univ., Japan) Prof. Ken Masamune(Tokyo Women's Univ., Japan)
Intelligent Machines & Brain Science Applications	Prof. Jen-Yuan (James) Chang (NTHU, Taiwan) Prof. Masahiro Ohka (Nagoya Univ., Japan) Prof. Hiroshi Igarashi (Tokyo Denki Univ., Japan)
Flexible Media Handling Machines and Printed electronics, Imaging and Printing Technologies	Dr. J. McAllister (HP, USA) Prof. Kazushi Yoshida (Tokyo University of Science, Yamaguchi, Japan)
Micro/Nano system Science and Technology	Prof. Kenji Fukuzawa (Nagoya Univ., Japan) Prof. Kenji Suzuki (Kogakuin Univ., Japan) Dr. Toshiaki Hirano (WD, USA)
Advanced Simulation in Science and Engineering	Prof. Hitoshi Washizu (University of Hyogo, Japan) Prof. Hedong Zhang (Nagoya Univ., Japan)
Optical Storage and Optical Devices	Prof. N.-C. Park (Yonsei Univ., Korea) Prof. Paul C.-P. Chao (NCTU, Taiwan) Prof. Y. J. Wang, National SYS University, Taiwan Prof. W-C. Kim, Honam Univ., Korea
Consumer Electronics	Dr. Shaomin Xiong (WD, USA)
Future Technology	Prof. Jen-Yuan (James) Chang (NTHU, Taiwan) Dr. Guoxiao Guo (WD, USA)
IoT and Information Devices	Prof. Isaku Kanno (Kobe Univ., Japan) Dr. Yasushi Tomizawa (Toshiba, Japan) Dr. Chunling Du (DSI, Singapore)
Design for Reliability in Photonics	Prof. Ephraim Suhir (Portland State University, USA)

## **MIPE 2018 Executive Committee**

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