

## Call for Papers

# MHS 2019

**30<sup>th</sup> 2019 International Symposium on Micro-NanoMechatronics and Human Science**  
**(From Micro & Nano Scale Systems to Robotics & Mechatronics Systems)**  
**Symposium on “Science of Soft Robots”**  
**Grant-in-Aid for Scientific Research on Innovative Areas, MEXT, Japan**

**Dec. 1 (Sun) – Dec. 4 (Wed), 2019, Nagoya, Japan**

*Cosponsored by (Tentative)*

IEEE Robotics and Automation Society; Nagoya University

*Technically Supported by (Tentative)*

Micromachine Center; Robotics and Mechatronics Division, The Japan Society of Mechanical Engineers; The Japan Society for Precision Engineering; The Robotics Society of Japan; Japan Society of Applied Physics; Japanese Society for Biomaterials; Japanese Society for Medical and Biological Engineering; Japanese Society for Regenerative Medicine; Society E (Sensors and Micromachines), Institute of Electrical Engineers of Japan; The Society of Instrument and Control Engineers; IEEE Robotics and Automation Society, TC Cyborg and Bionic Systems; IEEE Robotics and Automation Society, TC Energy, Environment, and Safety Issues in Robotics and Automation; IEEE Robotics and Automation Society, TC Micro/Nano Robotics and Automation; IEEE Nanotechnology Council (NTC), Nano Energy, Environment and Safety TC

*in Cooperation with (Tentative)*

Institute of Nano-Life-Systems; Center for Micro-nano Mechatronics of Nagoya University; Chubu Region Institute for Social and Economic Research; Chubu Science and Technology Center; Nagoya Industries Promotion Corporation; NPO Humanwear Network Initiative; Aichi Prefecture; Central Japan Industries Association; Chubu Bureau of Economy, Trade and Industry, METI; Chubu Economic Federation; Japan Science and Technology Agency; Nagoya Chamber of Commerce & Industry

**Topics:** Miniaturization Technology, Micro/Nanomechatronics, Micro/Nanorobotics, Micro/Nanosensors, Micro/Nanoactuators, Micro/Nanofabrication, Micro/Nano Integrated Devices and Systems, Micro/Nano Power Source and Supply, Micro/Nanomachining, Micro/Nano Assembly Technology, Micro/Nanotechnology, Micro/Nano Materials, Intelligent Control Systems, Data Transmission and Communication, Human Centered Robotics and Mechatronics, Human Care and Assisting Systems, Human Interface, Human Science, Artificial Life Technology, Virtual Reality, Multi Media, Software Aspects, Human-Ware Network Systems, Applications (Consumer Electronic Products, Security System and Others in Biological, Medical and Industrial Fields.)

**Venue:** Nagoya University

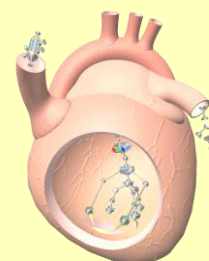
**Language:** English

### Organizing Committee (Tentative):

<b>Honorary Chair:</b>	Toshio Fukuda (Meijo Univ., Beijing Inst. of Tech.)
<b>General Co-Chair:</b>	Fumihito Arai (Nagoya Univ.)
<b>General Co-Chair:</b>	Koichi Suzumori (Tokyo Institute of Technology)
<b>Program Co-Chairs (Nano Scale Devices and Systems):</b>	Satoshi Konishi (Ritsumeikan Univ.)
<b>Program Co-Chairs (Micromechatronics and MEMS):</b>	Seiichi Hata (Nagoya Univ.)
<b>Program Co-Chairs (Bio-Manipulation):</b>	Akihiko Ichikawa (Meijo Univ.)
<b>Program Co-Chairs (Bio-Medical Systems):</b>	Osamu Suzuki (Tohoku Univ.)
<b>Program Co-Chairs (New Actuators):</b>	Masahiro Ohka (Nagoya Univ.)
<b>Program Co-Chairs (Human Support Technologies):</b>	Yasuhisa Hasegawa (Nagoya Univ.)
<b>Program Co-Chairs (Intelligent Robot and Mechatronic Systems):</b>	Kenichi Ohara (Meijo Univ.)
<b>Program Co-Chairs (Human Robot Interaction):</b>	Naoyuki Kubota (Tokyo Metropolitan Univ.)

### Important Dates:

<b>April 26, 2019</b>	<b>Deadline for proposal of organized sessions</b> (Please check a submission instruction at MHS 2019 website.)
<b>June 14, 2019</b>	<b>Deadline for submission of abstracts</b> (Texts in 300 to 600 words with several figures/artworks/photographs in one page.)
<b>August 2, 2019</b>	<b>Notification of acceptance</b>
<b>August 30, 2019</b>	<b>Deadline for final papers</b> (Number of pages must be between 1 and 8 pages.)



All correspondences should be addressed to:

**Secretariat office of MHS 2019**

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**MHS2019 WEB:** <http://www.mein.nagoya-u.ac.jp/mhs/mhs2019-Top.html>