

Call for Papers

MHS 2016

27th 2016 International Symposium on Micro-NanoMechatronics and Human Science
(From Micro & Nano Scale Systems to Robotics & Mechatronics Systems)

Symposium on “Hyper Bio Assembler for 3D Cellular System Innovation”

Grant-in-Aid for Scientific Research on Innovative Areas, MEXT, Japan (Tentative)

Symposium on “Understanding Brain Plasticity on Body Representations to Promote Their Adaptive Functions”

Grant-in-Aid for Scientific Research on Innovative Areas, MEXT, Japan (Tentative)

Nov. 28 (Mon) – Nov. 30 (Wed), 2016, 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

in Cooperation with (Tentative)

Center For Micro-nano Mechatronics of Nagoya University; Chubu Region Institute for Social and Economic Research (CRICER);
Chubu Science and Technology Center (CSTC); Kagawa University; Meijo University; Nagoya Industries Promotion Corporation;
NPO Humanwear Network Initiative; Osaka University; 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: Noyori Memorial Hall, Nagoya University

Language: English

Organizing Committee (Tentative):

Honorary Chair:

Toshio Fukuda (Meijo Univ., Nagoya Univ.,
Beijing Inst. of Tech.)

General Co-Chairs:

Fumihito Arai (Nagoya Univ.)

General Co-Chairs:

Tatsuo Arai (Osaka Univ.)

General Co-Chairs:

Jun Ota (The Univ. of Tokyo)

Program Co-Chairs (Nano Scale Devices and Systems):

Satoshi Konishi (Ritsumeikan Univ.)

Program Co-Chairs (Micromechatronics and MEMS):

Seiichi Hata (Nagoya Univ.)

Program Co-Chairs (Bio-Manipulation):

Masahiro Nakajima (Nagoya Univ.)

Program Co-Chairs (Bio-Medical Systems):

Masayuki Yamato (Tokyo Women's Med. Univ.)

Program Co-Chairs (New Actuators):

Osamu Suzuki (Tohoku Univ.)

Program Co-Chairs (Human Support Technologies):

Masahiro Ohka (Nagoya Univ.)

Program Co-Chairs (Intelligent Robot and Mechatronic Systems):

Yasuhisa Hasegawa (Nagoya Univ.)

Program Co-Chairs (Human Robot Interaction):

Kenichi Ohara (Meijo Univ.)

Naoyuki Kubota (Tokyo Metropolitan Univ.)

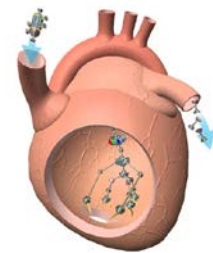
Important Dates:

April 30, 2016 **Deadline for proposal of organized sessions**
(Please check a submission instruction at MHS 2016 website.)

June 12, 2016 **Deadline for submission of abstracts**
(Texts in 300 to 600 words with several figures/artworks/photographs
in one page.)

July 31, 2016 **Notification of acceptance**

August 31, 2016 **Deadline for camera-ready papers**
(Number of pages must be between 1 and 8 pages.)



All correspondences should be addressed to:

Secretariat office of MHS 2016

Department of Micro-Nano Systems Engineering, Nagoya University

Furo-cho, Chikusa-ku, Nagoya, Aichi, 464-8603, Japan

Tel:+81-52-789-5025, Fax:+81-52-789-5027, E-mail: staff@biorobotics.mech.nagoya-u.ac.jp

MHS2016 WEB: <http://www.mein.nagoya-u.ac.jp/mhs/mhs2016-Top.html>