

# Call for Participants

## MHS 2016

27<sup>th</sup> 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

Symposium on "Understanding brain plasticity on body representations to promote their adaptive functions"

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

Nov. 28 (Mon) – Nov. 30 (Wed), 2016, Nagoya, Japan

### General Information

**Date:** November 28 (Mon) – November 30 (Wed), 2016

**Venue:** Nagoya University, Noyori Conference Hall

**Language:** English

**Exhibition:** Micro-NanoMechatronics Display (Company, Venture Company, Academic)

### Registration Information [Deadline for Early-Registration: October 31, 2016]

You are encouraged to register for the MHS2016 as soon as possible.

#### Registration Fees

Category	Early Registration (Before Oct. 31, 2016)	On-Site Registration (On/After Nov. 1, 2016)
Member <small>(Member: IEEE, The Robotics Society of Japan, The Japan Society of Mechanical Engineers, The Society of Instrument and Control Engineer, The Japan Society for Precision Engineering, Japanese Society for Biomaterials, The Japan Society of Applied Physics, The Japanese Society for Regenerative Medicine, Japanese Society for Medical and Biological Engineering, The Institute of Electrical Engineers of Japan)</small>	40,000 JPN Yen	45,000 JPN Yen
Non-Member	50,000 JPN Yen	55,000 JPN Yen
Student	25,000 JPN Yen	30,000 JPN Yen

Please access the following site, and then make the registration.

- ◆ <http://www.mein.nagoya-u.ac.jp/mhs/registration16.html>

Payment of the registration fee is to be made in one of the following methods. Please note we do not accept personal checks.

- ◆ **Bank Transfer/ Online by Credit Cards** (VISA, MasterCard, Diners Club, AMEX or JCB only)

### Programs

#### Plenary Talks

"Microengineered Devices for Cells, Tissues and Organs"

**Prof. Nancy Allbritton, Department of Biomedical Engineering, North Carolina State University, USA**

"Nanogel Techtonics for Biomedical Application"

**Prof. Kazunari Akiyoshi, Department of Polymer Chemistry, Kyoto University, Japan**

"Engineering Perfusable Blood and Lymphatic Vessels for Organ-on-Chip Platforms"

**Prof. Noo Li Jeon, School of Mechanical and Aerospace Engineering, Seoul National University, Korea**

**Prof. Kanako Harada, Department of Bioengineering, School of Engineering, The University of Tokyo, Japan**

"Robotic Induction of Neuromodulation in Human Motor System"

**Prof. Jun Ueda, Georgia Institute of Technology, USA**

**Prof. Sunghoon Kwon, Department of Electrical and Computer Engineering, Seoul National University, Korea**

"Image-based Rapid and Non-invasive Cell Quality Evaluation using Morphological Informatics"

**Prof. Ryuji Kato, Department of Basic Medicinal Sciences, Graduate School of Pharmaceutical Sciences, Nagoya University, Japan**

"Supramolecular Nanofibers for Manipulating Nano- and Micro-materials"

**Prof. Masato Ikeda, Department of Biomolecular Science, Faculty of Engineering, Gifu University, Japan**

#### Keynote Talks

"Tissue Engineering Approaches with/without Scaffolds"

**Prof. Katsuko Furukawa, University of Tokyo, Japan**

"Automatic Analysis of Dynamics of Human Facial Behaviour"

**Prof. Ognjen Rudovic, Imperial College London, UK**

"The Concept of Direct Perception for Cognitive Robotics"

**Prof. Hiroyuki Masuta, Toyama Prefectural University, Japan**

"Fast Force Loading on Biological Cell Driven by Femtosecond Laser and Its Applications"

**Prof. Yoichiro Hosokawa, Nara Institute of Science and Technology, Japan**

"Micro Sensors and Actuators for Minimally Invasive Medical Devices and Bionic Humanoid"

**Prof. Tadao Matsunaga, Tohoku University, Japan**

"Bridging World-to-Nanofluidics Interfaces through Nano-in-Nano Integration Technology"

**Prof. Yan Xu, Osaka University, Japan**

**Prof. Tadao Sugiura, Sojo University, Japan**

"Auditory Biofeedback during Walking Reduces Foot Contact Pressure in a Patient with Congenital Insensitivity to Pain"

**Prof. Arito Yozu, The University of Tokyo Hospital, Japan**

#### Schedule

November 28, 29, 30	Plenary Talks, Keynote Talks, Technical Sessions
November 28, 29	Poster Sessions
November 30	Laboratory Tour

### Cosponsored by

The Hibi Science Foundation

All correspondences should be addressed to:

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

