

Call for Participants

MHS 2018

29th 2018 International Symposium on Micro-NanoMechatronics and Human Science

(From Micro & Nano Scale Systems to Robotics & Mechatronics Systems)

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

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

Dec. 9 (Sun) – Dec. 12 (Wed), 2018, Nagoya, Japan

General Information

Date: December 9 (Mon) – December 12 (Wed), 2018

Venue: Nagoya University, Noyori Conference Hall

Language: English

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

Registration Information 【Deadline for Early-Registration: October 31, 2018】

You are encouraged to register for the MHS2018 as soon as possible.

Registration Fees

| Category | Early Registration (Before Oct. 31, 2018) | On-Site Registration (On/After Nov. 1, 2018) |
|--|--|---|
| 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.

◆ <https://www.gakkai-web.net/php-bin/gakkai/inter/mhs18/reg/new2.php>

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, Master Card, American Express or JCB only)

Programs

Plenary Talks

Prof. Jesper Glückstad, Department of Photonics Engineering, Technical University of Denmark, Denmark

Dr. Yoshikatsu Hayashi, School of Biological Sciences, University of Reading, United Kingdom

"3S Laser Processing: Integrating Soft Materials and Metal Microstructures"

Prof. Mitsuhiro Terakawa, Department of Electronics and Electrical Engineering, Keio University, Japan

Prof. Takahiro Namazu, Department of Mechanical Engineering, Aichi Institute of Technology, Japan

Keynote Talks

Prof. Kaoru Uesugi, Osaka University, Japan

"Machine Learning for Intelligent Medical Devices"

Prof. Kensaku Mori, Nagoya University, Japan

"Toward the Development of In Vitro Bioassay Systems Integrated with Electrochemical Biosensors"

Prof. Kikuo Komori, The University of Tokyo, Japan

"Robots based on chemical system"

Prof. Shingo Maeda, Shibaura Institute of Technology, Japan

"Application of computational neuroscience to robotic rehabilitation: a conceptual study"

Prof. Jun Izawa, University of Tsukuba, Japan

"Robotic Microscope for Studying the Basic Principles of a Micro-Brain"

Prof. Koutarou Kimura, Nagoya City University, Japan

"Laser lift-off process for additive micropatterning of functional particles and film"

Dr. Aiko Narazaki, AIST, Japan

"Force-visualization based Sensing System Facilitates Medical Operation in Deep Area"

Prof. Tetsuyou Watanabe, Kanazawa University, Japan

Prof. Feng Lin, Beijing Institute of Technology, China

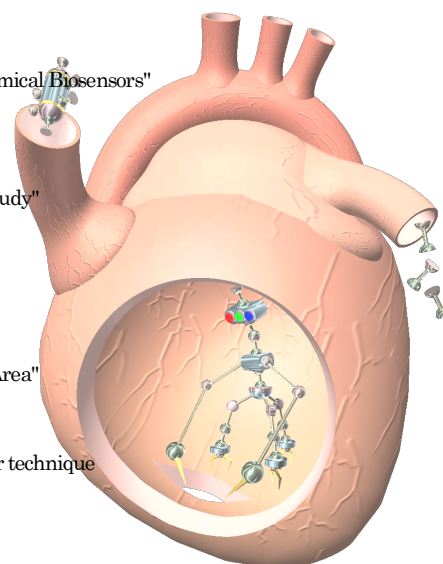
"Evaluation of delamination strength of bonded micro-components: a nano-indenter technique combined with environmental microscopy"

Prof. Yoshimasa Takahashi, Kansai University, Japan

"Bio Heritage: Eucleation of Red Blood Cell"

Prof. Makoto Kaneko, Osaka University, Japan

Prof. Jinseok Woo, Tokyo Metropolitan University, Japan



Schedule

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|---------------------|--|
| December 10, 11, 12 | Plenary Talks, Keynote Talks, Technical Sessions |
| December 10, 11 | Poster Sessions |
| December 12 | Laboratory Tour |

All correspondences should be addressed to:

<http://www.mein.nagoya-u.ac.jp/mhs/MHS2018-Top.html>