Call for Participants  

25th Anniversary  

MHS 2014  

25th 2014 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  

Nov. 9 (Sun) – Nov. 12 (Wed), 2014, Nagoya, Japan  

General Information  
Date: November 9 (Sun) – November 12 (Wed), 2014  
Venue: Nagoya University  
Language: English  
Exhibition: Micro NanoMechatronics Display (Company, Venture Company, Academic)  

Registration Information  
The pre-registration deadline is October 9, 2014. You are encouraged to register for the MHS2014 as soon as possible.  

Registration Fee  

<table>
<thead>
<tr>
<th>Category</th>
<th>Early Registration (Before Oct. 9, 2014)</th>
<th>On-Site Registration (On/After Oct. 9, 2014)</th>
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<tbody>
<tr>
<td>Member/Member</td>
<td>40,000 JPN Yen</td>
<td>45,000 JPN Yen</td>
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<tr>
<td>Non-Member/Student</td>
<td>50,000 JPN Yen</td>
<td>55,000 JPN Yen</td>
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<tr>
<td>Student</td>
<td>10,000 JPN Yen</td>
<td>30,000 JPN Yen</td>
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Method of Registration and Payment  
Please access the following site, and then make the registration.  
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 Card (VISA, MasterCard, Diners Club, AMEX or JCB only)  

Programs  
\n\textbf{Plenary Talks}  
“Bio-3D printing: Challenges and opportunities” (Tentative)  
Prof. Wei Sun  
Albert Sofia Chair Professor, Drexel University, Philadelphia, USA  
1000plan Chair Professor and Director, Biomimetic Manufacturing Engineering Research Institute Tsinghua University, Beijing, China  
“Regenerative medicine from the viewpoint of material science: Regenerative research and therapy”  
Prof. Yasuhiko Takeda  
Department of Biomaterials, Field of Tissue Engineering, Institute for Frontier Medical Sciences, Kyoto University  
“Biologically inspired approach towards implementation of bionic arm” (Tentative)  
Prof. Sang-Rok Oh  
Director of KIST Gangneung Institute, Korea Institute of Science & Technology Korea  
“Mechanical basis of cell motility control in the developing brain” (Tentative)  
Prof. Mineko Kengaku  
Institute for Integrated Cell-Material Sciences, Kyoto University, Japan  

\textbf{Keynote Talks}  
“Microbial rhodopsins from marine bacteria: Nano-scale biological light-driven ion pumps” (Tentative)  
Prof. Keisuke Inoue  
Department of Life and Materials Engineering, Nagoya Institute of Technology Japan  
“Active biophysical properties of cells and subcellular components” (Tentative)  
Prof. Shinji Deguchi  
Department of Nanopharmaceutical Sciences, Nagoya Institute of Technology, Japan  

Technical Sessions (November 9-12)  

<table>
<thead>
<tr>
<th>Date</th>
<th>Session</th>
<th>Venue</th>
<th>Website</th>
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<tr>
<td>November 12</td>
<td>Laboratory Tour</td>
<td>Nagoya University</td>
<td><a href="http://www.nagoya-u.ac.jp/en/">http://www.nagoya-u.ac.jp/en/</a></td>
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</tbody>
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All correspondences should be addressed to:  
(Symposium, Micro Robot Maze Contest)