



Hiroshima University
Research Institute for Nanodevice and Bio Systems

IWNT2018 : International Workshop on Nanodevice Technologies 2018

10:00 - 17:30, March 2, 2018

Hiroshima University Satake Memorial Hall (Higashi-Hiroshima Campus)

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|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 | Registration |
| 10:00 | Opening
Yohsuke Yamamoto, Vice President, Hiroshima University, Japan |
| 10:10-10:30 | Shin Yokoyama, RNBS, Hiroshima University, Japan
Introduction to Nanodevice Technology Workshop |
| 10:30-11:10 | Wentai Liu, University of California, Los Angeles, USA
Recent Advances in Bioelectronic Medicine |
| 11:10-11:50 | Atsufumi Hirohata, University of York, England
Nano-Spintronic Devices |
| 11:50-12:50 | Lunch |
| 12:50-13:50 | Poster Session |
| 13:50-14:30 | Masayuki Odagawa, Cadence Design Systems, Japan
Tensilica Processors and DSPs for Neural Networks and An Application
to Computer-Aided Diagnosis System for Colorectal Tumor Classification |
| 14:30-15:10 | Anjula C. De. Silva, University of Moratuwa, Sri Lanka
Dry Electrodes in Non-Invasive Electrophysiology |
| 15:10-15:25 | Coffee Break |
| 15:25-16:05 | Jun Ohta, Nara Institute of Science and Technology, Japan
Optical Measuring and Controlling Biological Functions by Implantable
Optoelectronic Devices |
| 16:05-16:45 | Laurent Ottaviani, Aix-Marseille University, France
Carbon-Based Wide Band-Gap Semiconductors
for Neutron Detection in ITER |
| 16:45-17:25 | Kazuaki Sawada, Toyohashi University of Technology, Japan
Biosensor Array for Neurotransmitter Imaging |
| 17:25-17:30 | Closing Remarks |
| 18:00-20:00 | Hans Juergen Mattausch, RNBS, Hiroshima University, Japan
Social Meeting (Charge a fee) |

* Presentation will be in English.



Presented by

Research Institute for Nanodevice and Bio Systems, Hiroshima University

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Research Center for Biomedical Engineering
IEEE Solid-State Circuits Society (SSCS) Japan Chapter
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The Institute of Electrical Engineers of Japan (IEEE), Chugoku Branch/
Chugoku Industrial Innovation Center/ Hiroshima Industrial Promotion Organization

Pre-Registration (Free of Charge)

<http://www.RNBS.hiroshima-u.ac.jp/>

[Contact]

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