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**Higashi-Hiroshima, Japan
6 – 8 March 2019**



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March 6, 2019**Workshop Opening****Chair:** *T. Tabei, RNBS, Hiroshima University, Japan*

10:00 – 10:10

Opening Remarks:*S. Yokoyama, RNBS, Hiroshima University, Japan***Session I****Chair:** *S. Yokoyama, RNBS, Hiroshima University, Japan*

10:10 – 11:00

Semiconductor Photodetectors (Invited).....N/A

P. Chakrabarti, Indian Institute of Engineering Science and Technology, Shibpur.

11:00 – 11:50

Coherent Ising Machine - Optical Neural Network operating at the Quantum Limit (Invited).....N/A

Y. Yamamoto, Japan Science and Technology Agency

11:50 – 13:00

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March 7, 2019

Symposium Opening

Chair: *H. J. Mattausch, Hiroshima University, Japan*

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Y. Yamamoto, Hiroshima University, Japan

Plenary Lecture I

Chair: *H. J. Mattausch, Hiroshima University, Japan*

8:55 – 9:35 Organic Semiconductor Devices and Applications.....N/A

P. Chakrabarti, IEST, Shibpur, India

Plenary Lecture II

Chair: *H. Rahaman, IEST, Shibpur, India*

9:35 – 10:15 Business Strategy, PPM (Product Portfolio Management),
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Deployment.....N/A

T. Bizen, Murata Mfg. Co., Ltd, Japan

10:15 – 10:30 **Coffee Break**

Plenary Lecture III

Chair: *T. Koide, Hiroshima University, Japan*

10:30 – 11:10 Technical commentary for Shogi Daisashi Robot of the
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Y. Sawada, DENSO WAVE Inc., Japan

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March 8, 2019

Plenary Lecture V

Chair: *H. J. Mattausch, Hiroshima University, Japan*

- 8:55 – 9:35 Analysis of Spacer Based Gate-All-Around Reconfigurable Devices.....N/A
S. Dasgupta, IIT-Roorkee, India

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Chair: *T. Mizoguchi, Toshiba Device & Storage Co., Ltd., Japan*

- 9:35 – 10:15 Carbon Nanotube and Graphene Nanoribbon for Next-Generation Interconnects.....N/A
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- 10:15 – 10:30 **Coffee Break**

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- 10:30 – 11:10 Effect of ReSURF Implant on the Performance, Variability and HCI Reliability of 15V nLDMOS Transistors.....N/A
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Shibpur, India)*

16:40 – 17:00 **Open Discussion and Closing Remarks**