

The 4th Workshop on Bio-inspired Energy-Efficient Information Systems

Next-Generation Nano-Micro Devices and Systems for Energy-Efficient Information Processing Division of Institute for Innovation in International Engineering Education (IIIEE) was founded in 2012 as a part of social cooperation program with IBM Japan, Ltd. to provide solutions towards realization of energy-efficient and sustainable society through basic research on energy-efficient information processing utilizing nano-/micro-device technologies and education of graduate students of related areas. The aims of this workshop are to report the achievement of the social cooperation program and to provide an excellent opportunity to discuss bio-inspired energy-efficient information systems.

Date: March 11th, 2020, 13:00-16:30

Place: Sanjo Conference Hall (Hongo campus),
The University of Tokyo

Registration fee: Free (Pre-registration is not necessary)

Organizer: EEIP-SCP, IIIEE, Graduate School of Engineering, UT

Website: <http://park.itc.u-tokyo.ac.jp/EEIP-SCP/workshop20200311/index.html>

Contact: eeipws2020@webpark1846.sakura.ne.jp
(Gouhei Tanaka: IIIEE, UTokyo)



Speakers



Gouhei Tanaka
(The Univ. of Tokyo)

*"Energy Efficient Computing with
Recurrent Neural Networks"*



Toshiyuki Yamane
(IBM Research - Tokyo)

*"Industrial Applications of
Physical Reservoir Computing"*



Ryosho Nakane
(The Univ. of Tokyo)

*"On-Chip Spin-Wave-Based
Device for Machine-Learning
Data Processing"*



Jean Benoit Heroux
(IBM Research - Tokyo)

*"Photonic Implementations of
Reservoir Computing"*

SYSTEM × DEVICE

ENERGY EFFICIENT INFORMATION PROCESSING