

International workshop on Bioiontronics

Thursday, Nov 21, 2019

Conference Room M1, Collaboration Center

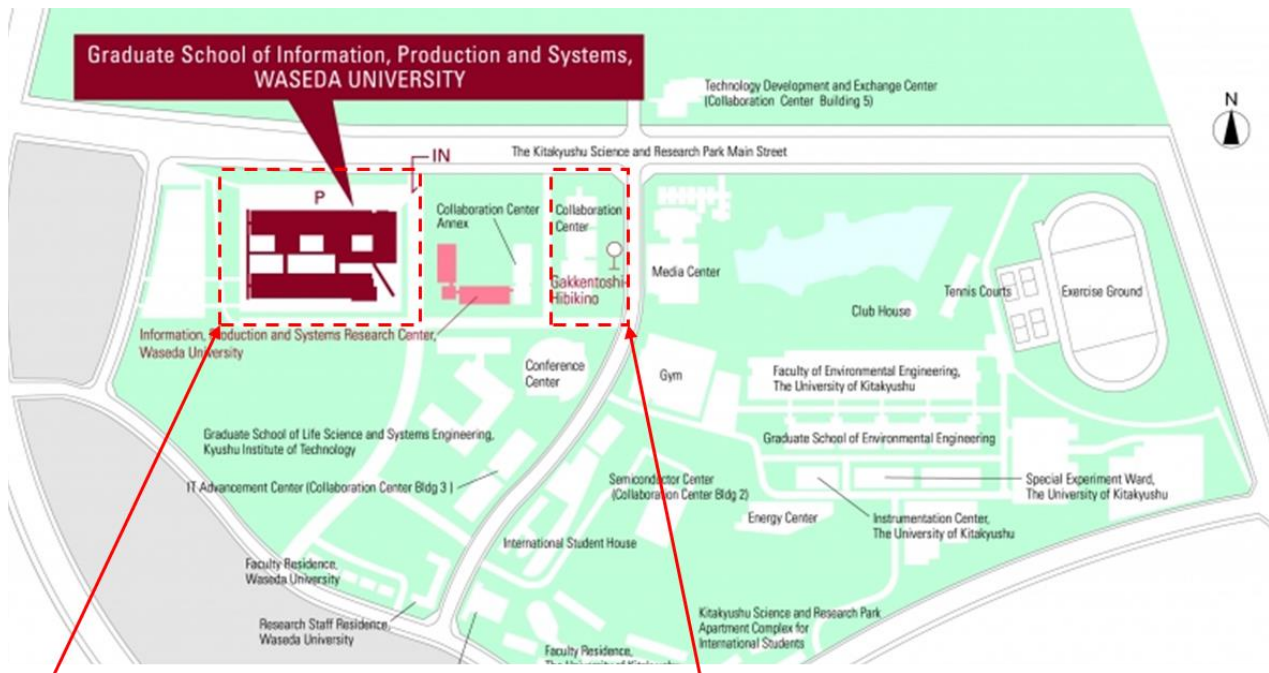
- 14:30-14:40 Takeo Miyake, Waseda University, “Introduction”
- 14:40-15:10 *Invited*, Nobuhiro Yanai, Kyushu University, “Near infrared-to-blue photon upconversion for optogenetics”
- 15:10-15:40 *Invited*, Yu-Te Liao, National Chiao Tung University, “Micro-watt electrochemical sensor interface circuits for biomedical applications”
- 15:40-16:10 *Invited*, Chikashi Nakamura, National Institute of Advanced Industrial Science and Technology (AIST), “Nanoneedle technology for living cells”
- 16:10-16:40 *Invited*, Kaori Sugihara, University of Geneva, “Applications of lipid nanotubes towards biomedical engineering”
- 16:40-17:10 *Invited*, Kazuo Sakurai, University of Kitakyushu, “Discovery of the platonic micelles and their potential applications”
- 17:10-17:40 *Invited*, Guo-Jun Zhang, Hubei University of Chinese Medicine, “Field effect transistor-based biosensor for electrical and label-free quantification of exosomes”

Friday, Nov 22, 2019

Conference Room M1, Collaboration Center

- 9:30-10:00 *Invited*, Scott Keene and Alberto Salleo, Stanford University, “Organic electrochemical resistive memory: from neuromorphic computing to biological interfaces”
- 10:00-10:30 *Invited*, Hirofumi Tanaka, Kyushu Institute of Technology, “Application of nanomaterials for neuromorphic processing”
- 10:30-11:00 *Invited*, Xiaojie Duan, Peking University, “Materials and technologies for soft and multimodal neural interfacing”
- 11:00-11:30 *Invited*, Toshinori Fujie, Tokyo Institute of Technology, “Nanosheet technology for wearable and implantable devices”
- 11:30-12:00 *Invited*, Ryuji Yokokawa, Kyoto University, “On-chip vasculature for three-dimensional tissue culture and microphysiological systems”
- 12:00-12:30 *Invited*, Kuniaki Nagamine, Yamagata University, “Development of the hydrogel-based sweat biosensor”

Venue:



Waseda University
Graduate School of Information,
Production and Systems

2-7 Hibikino, Wakamatsu-ku,
Kitakyushu, Fukuoka 808-0135

Collaboration Center
Conference Room M1
on 2 floor

2-1 Hibikino, Wakamatsu-ku,
Kitakyushu, Fukuoka 808-0135