

## **QNERC International Workshop on 2D, 1D, 0D Semiconductors Devices**

Wednesday, 5 February, 2014

Tokyo Institute of Technology, Quantum Nanoelectronics Research Center, Building South-9, 605 Conference Room

14:00-14:10 Welcome address: Prof. Shunri Oda

14:10-15:10 (Keynote Lecture)

Prof. Kaustav Banerjee, University of California, Santa Barbara,

2D Electronics: graphene and beyond

15:10-15:40

Prof. Buwen Cheng, Institute of Semiconductors, Chinese Academy of Science,

Growth of Ge and GeSn on Si substrate and their devices application,

15:40-16:00 break

16:00-16:30

Prof. Yukio Kawano, QNERC, Tokyo Institute of Technology,

Semiconductor and graphene devices for nanoscale terahertz imaging and spectroscopy

16:30-17:00

Prof. Chuanbo Li, Institute of Semiconductors, Chinese Academy of Science,

Si/SiGe hetero nanostructures for thermoelectric devices,

17:00-17:30

Dr. Tetsuo Kodera, QNERC, Tokyo Institute of Technology,

Silicon quantum dots and nanowires for quantum bit application

