



The 2nd CIAiS US-Japan NanoBio Workshop

27th October 2017

Keio University, Yagami Campus, Building 14, Room 14-218

13:30-13:35 Opening

13:35-14:10 “Direct observation of DNA motion near a nanopore”
Toshiyuki Mitsui, Aoyama Gakuin University

14:10-14:45 “Computational and theoretical approaches for studies of a lipid recognition protein on biological membranes”
Eiji Yamamoto, Keio University

14:45-14:55 Break

14:55-15:30 “Self-Assembled Peptides on Two-Dimensional Nanomaterials:
An interface bridging electronics and biology”
Yuhei Hayamizu, Tokyo Institute of Technology

15:30-16:05 “Discrimination of single-nucleotide in single-stranded DNA with solid-state nanopores through external control of the DNA motion”
Rena Akahori, Hitachi Ltd

16:05-16:15 Break

16:15-17:25 “DNA motion control and sequence readout using nanopore devices”
Meni Wanunu, Northeastern University

17:25-17:30 Closing