Program

Morning Session: Molecular Assembly (9:30-11:50)

9:30-9:35 Opening Remark (Yohei Yamamoto)

9:35-10:15 Prof. Amar Flood (Indiana Univ. USA)

 Anions in Molecular Recognition, Switching, and Hierarchical Assembly

10:15-10:45 Dr. Katsuhiko Ariga (NIMS & Univ. of Tokyo, Japan)

 Control of Molecular Machine, 2D Material, and Life at Langmuir

 Interface

 (15 min. break)

11:00-11:30 Prof. Hyo Jae Yoon (Korea Univ. Korea), Gyu Don Kong, Junji Jin,

Hyunsun Song,

 Mixing for Good: Charge Tunneling across Large-area Molecular

 Electronic Devices based on Mixed Self-Assembled Monolayers

11:30-11:50 Prof. Tatsuya Nabeshima (Univ. Tsukuba, Japan)

 Design, Synthesis and Novel Functions of BODIPY Derivatives

 Lunch Break (11:50-13:00)

Afternoon Session : Soft Optics, Lasers, Terahertz, etc.

13:00-13:40 Dr. Jer-Shing Huang (Leibniz Inst. Germany), Jhih-Yuan Chen,

Zhan-Hong Lin, Soh Kushida, Yohei Yamamoto

 Goos-Hänchen Shift and Plasmon Coupling of Whispering-gallery Modes

in a Self-assembled Fluorescent π-conjugated Polymer Sphere on Ultra

Flat Gold Surface

13:40-14:10 Dr. Yasuhiro Ishida (RIKEN, Japan)

 Photonic Crystals Composed of 99% Water and 1% Inorganic Nanosheet

14:10-14:30 Dr. Takashi Nakanishi (NIMS, Japan)

 Novel Soft Matter/Materials; Optoelectronically-active Alkyl-π Molecular

 Liquids

 (15 min. break)

14:45-15:25 Prof. Maurizio Ferrari (CNRS, Italy)

 Glass and Glass-Ceramic Photonic Systems: advances and perspectives

15:25-15:45 Dr. Tadaaki Nagao (NIMS, Japan), Thang D. Dao, Kai Chen,Satoshi

Ishii, Robert P. H. Chang

 Nanomaterials and Their Surface Functionalization for Infrared

 Plasmonics Applications

15:45-16:05 Prof. Yohei Yamamoto (Univ. Tsukuba, Japan)

 Self-Assembled Organic/Polymeric Microlasers and Photoswitchable

 Arrays

 (15 min. break)

16:20-16:40 Dr. Fumio Sasaki (AIST, Japan)

 Developments of organic semiconductor microcavities: from wafer

processes to solution processes

16:40-17:00 Prof. Tatsuya Mori (Univ. Tsukuba, Japan), Yasuhiro Fujii, Yue Jiang,

Leona Motoji, Suguru Kitani, Akitoshi Koreeda, Kentaro Shiraki, Yohei

Yamamoto, Seiji Kojima

 Terahertz Time-Domain Spectroscopy of Lyophilized Protein Lysozyme

 –Universal Dynamics of Disordered System in the Terahertz Region–

17:00-17:20 Mr. Mario Ziegler (Leibniz Inst. Germany)

 Metastable Atomic Layer Deposition

17:20-17:25 Closing Remarks (Prof. Tatsuya Nabeshima)

18:00- Reception