Light Opening up Frontier of DNA and Nanocrystal Superstructures - shed new light on nano space -

Institute for Chemical Research, Kyoto University, Joint Research Laboratory, CL110
2016.2.4 A.M.10:00 - P.M. 18:00

10:00 -	Opening Remarks
10:10 - 11:10	Prof. Dr. Kyung Byung Yoon (Keynote lecture) Electrochemical and Molecular Approaches for Artificial Photosynthesis
11:10 -11:35	Prof. Dr. Yasuhiro Sakamoto (Invited lecture) Structural Characterization of Nano-colloidal Crystals Using Electron Microscopy
11:35 -12:00	Prof. Dr. Masayuki Endo (Invited lecture) Controllable molecular nanosystems using DNA origami nanostructures
Lunch Break (60 minute)	
13:00 -13:40	Prof. Dr. Toshiharu Teranishi (Invited lecture) Visible to NIR Nanoplasmonics in Inorganic Nanocrystals
13:40 -14:05	Prof. Dr. KIM Hyeon-Deuk (Invited lecture) Innovative Photoexcited Dynamics and Functions of Quantum Dot, Quantum Dot Complex and Quantum Dot Superlattice
14:05 -14:30	Prof. Dr. Hisahi Shimakoshi (Invited lecture) Bioinspired Catalysts: Lessons from Vitamin B12 Enzymes
Break 20 min	
14:50 -15:30	Prof. Dr. Zhi-Heng Loh (Invited lecture) Observation of an Excitonic Quantum Coherence in CdSe Nanocrystals
15:30 -15:55	Prof. Dr. Takashi Tachikawa (Invited lecture) Single-particle Photoluminescence Behaviors of Organolead Halide Perovskites
15:55 -16:20	Prof. Dr. Akihiro Furube (Invited lecture) Transient Absorption Anisotropy Spectroscopy to Reveal Energy Migration Among Dye Molecules on TiO2 Nanocrystalline Film
Break 20 min	
16:40 -17:20	Prof. Dr. Patanjali Kambhampati (Invited lecture) Excitons in Semiconductor Quantum Dots : Design Principles for Photonics, Lighting, and Sensing.
17:20 -17:45	Prof. Dr. Masanori Sakamoto Photo-induced Carrier Transport in a Nanocrystal with Heterointerface
17:45 -	Closing remark

化研共同研究棟
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