

CIAiS International Symposium 2020

Research and Education Consortium for Innovation of Advanced Integrated Science

Friday, February 28th, 2020 13:30-19:00

Room213, 1F, Faculty of Engineering Bldg. 2, The University of Tokyo

13:00 **Poster Open**

Opening 13:30-13:50

Chair: Yuta Yoshimoto

13:30-13:50 **Welcome Address**

Shigeo Maruyama

Consortium Director, The University of Tokyo

Opening Address

Keiji Yamamoto

Program Officer, Japan Science and Technology Agency

Keynotes 13:50-14:35

Chair: Xiao-Mei Zhang, Tomotake Yamakoshi, Yasushi Shinohara

13:50-14:05 **Coarse-grained molecular dynamics simulations on mechanical properties of polymer composites for bulk heterojunction solar cells**

Yuta Yoshimoto

Department of Mechanical Engineering, School of Engineering,

The University of Tokyo

14:05-14:20 **Clustering of phosphoinositides controls the binding modes of a membrane-bound protein on a biological membrane**

Eiji Yamamoto

Department of System Design Engineering, Keio University

14:20-14:35 **Toward a spectroscopic study of multi timescale, non-repeatable phenomena below one second**

Junko Omachi

Department of Chemistry, Kwansai Gakuin University

Next-generation Researchers 14:35-15:20

Chair: Xiao-Mei Zhang, Tomotake Yamakoshi, Yasushi Shinohara

14:35 -14:50 **Coherent manipulation of ultracold Bosons in nonlinear Bloch bands**

Tomotake Yamakoshi

Institute for Laser Science, University of Electro-Communications

- 14:50-15:05 **p-type doped large-area multilayer MoS₂ enabled by mild plasma treatment for UV phototransistors application**
Xiao-Mei Zhang
Department of Chemical Science and Engineering; Department of Mechanical Engineering, Tokyo Institute of Technology
- 15:05-15:20 **Theoretical study on high-order harmonic generation reflecting spatiotemporal symmetries**
Yasushi Shinohara
Photon Science Center, School of Engineering, The University of Tokyo
- 15:20-15:40 Break
- Poster Presentation 15:40-16:15**
Chair: Tomotake Yamakoshi, Yasushi Shinohara
- 15:40-16:15 Poster 1 min Presentation
- Poster Session 16:15-17:15**
Chair: Xiao-Mei Zhang
- 16:15-17:15 Poster Session
- Closing 17:15-17:30**
Chair: Yuta Yoshimoto
- 17:15-17:30 **Closing Remarks**
Hitoki Yoneda
Institute for Laser Science, University of Electro-Communications
- Social Gathering 17:30-19:00**
Chair: Tomotake Yamakoshi, Yasushi Shinohara
- 17:30-19:00 Social Gathering
CIAiS Poster Awards