3rd Workshop on Plastic Electronics and Related Science and Technology

November 18, 2019, Tokyo Tech Main Building, 3rd floor meeting room

10:00 – 10:10 Opening Address by Yuji Wada (Dean of School of Materials and Chemical Technology)

Session 1: Plenary Lectures

10:10 – 10:55 James Durrant: Charge carrier dynamics in photocatalysts and photoelectrodes for solar driven water splitting

12:40 – 13:55 Poster Session and buffet style lunch (Tokyo Tech Front, Royal Blue Hall)

Session 2: Invited Lectures

14:00 – 14:25 Fumiyasu Oba: Computational design and exploration of novel semiconductors
14:25 – 14:50 Martin Heeney: Post-polymerisation modification of conjugated polymers
14:50 – 15:15 Ken Nakajima: AFM nanomechanics on polymeric materials
15:15 – 15:40 Martyn McLachlan: Control of Microstructure, Morphology and Defects in Perovskite Solar Cells

15:40 – 16:00 Coffee Break

16:00 – 16:25 Toshiyuki Ikoma: Multi-functionalized Ceramics Nanoparticles as Cancer Therapy
16:25 – 16:50 Artem Bakulin: Ultrafast photocurrent spectroscopy of molecular electronic devices
16:50 – 17:10 Mina Okochi: Peptide Array-Based Functional Peptide Probe Screening
17:10 – 17:30 Teruoki Tago: Catalyst design for effective utilization of hydrocarbon resources

18:00 Dinner