

Joint Workshop on Solid State and Biological Chemistry between UCLA and Waseda University at UCLA

Feb. 19, 2018
10:00-18:50
MSB 3440

Program

9:00	Breakfast – Young Hall 4222		
10:00	Opening Address	Toru Asahi	Deputy Director of Research Organization for Nano and Life Innovation Professor, Waseda University
10:05	The Secret Lives of Crystals	Miguel Garcia-Garibay	Dean of Physical Sciences Professor, UCLA
10:35	Cereblon as a Stress-responsive Protein	Naoya Sawamura	Associate Professor, Research Organization for Nano and Life Innovation, Waseda University
11:05	Graphene Nanoribbons through Directed Molecular Assembly and Stitching	Yves Rubin	Professor, UCLA
11:20	Molecular Dynamics of Reactions in Enzymes	Ken Houk	Professor, UCLA
11:35	Molecular Distribution Imaging of Single-cells by Multivariate Raman Spectral Analysis	Masahiro Ando	Assistant Professor, Research Organization for Nano and Life Innovation, Waseda University
12:05	Lunch – Young Hall 4222		
13:00	Racemization of Thalidomide in Solid State	Toru Asahi	Deputy Director of Research Organization for Nano and Life Innovation Professor, Waseda University
13:30	Photoinduced Motions of Molecular Crystals	Christopher Bardeen	Professor, UCR
14:00	Experimental and Theoretical Studies on Optical Activity in Benzil Crystal	Kenta Nakagawa	PhD Student, Waseda University
14:15	Insights from MD Simulations for Molecular Spur Gears	Song Yang	PhD Student, UCLA
14:30	Ternary Nanoparticle Crystals Consisting of Silica-Gold Nanoparticles Prepared by Post Reductive Formation of Gold	Eisuke Yamamoto	PhD Student, Waseda University
14:45	Transient Spectroscopy of Nanocrystalline Suspensions	Jin Park	PhD Student, UCLA
15:00	Fabrication of Silica Nanogrooves with Sub-5 nm Periodicity from Cylindrical Micelles on Si Substrates	Shintaro Hara	PhD Student, Waseda University
15:15	Photochromism in Crystalline Molecular Rotors	Morgan Howe	PhD Student, UCLA
15:30	Break		

15:45	Walking and Rolling Locomotion of Molecular Crystal	Takuya Taniguchi	PhD Student, Waseda University
16:00	Molecular Rotors in Extended Solids	Marcus Jellen	PhD Student, UCLA
16:15	Fabrication of Mesoporous Films for Bio-sensing	Daisuke Baba	PhD Student, Waseda University
16:30	Taming Aliphatic Radicals with a Crystalline Lattice: The Use of Solid State Photochemistry Toward the Synthesis of Vicinal Quaternary Centers	Jordan Dotson	PhD Student, UCLA
16:45	Chirality Control of Alanine-doped Ferroelectric Triglycine Sulfate Crystal	Yukana Terasawa	Master Student, Waseda University
17:00	Astrocyte Calcium Signaling in Neural Circuits	Jun Nagai	Postdoc Fellow, UCLA
17:15	Poster Session Waseda (6 students): Kenta Nakagawa, Eisuke Yamamoto, Shintaro Hara, Takuya Taniguchi, Daisuke Baba, Yukana Terasawa UC (6 students and 1 Visiting Researcher): Mingoo Jin, Fei Tong, Edris Rivera, Vince Hipwell, Vanessa Breslin, Trevor Chang, Iris Xue		
18:45	Closing Address	Miguel Garcia-Garibay	Dean of Physical Sciences Professor, UCLA
18:50	Dinner – Young Hall 4222		