

【Program】 The 6th GREEN Symposium June 27 (Thu), 2013 Namiki site, NIMS

Time	Title
9:00- 9:20	Opening Address, GREEN Special Award Prof. Kohei Uosaki Director-General of GREEN
9:20-9:25	Greeting Dr. Masashi Furukawa Manager, Green Innovation Group, Department of Innovation Research, Japan Science and Technology Agency (JST) / Program Officer of GREEN
9:25-9:30	Overview of Nano-interface Characterization in GREEN Dr. Daisuke Fujita, GREEN Coordinator
9:30-10:00	in situ Analysis of Battery Reaction by synchrotron X-Ray (Invited) Prof. Yoshiharu Uchimoto Professor, Kyoto University
10:00-10:20	Coffee Break
10:20-10:40	Utilization of ultrafast infrared vibrational spectroscopy to investigate the initial process of photo-energy conversion systems Dr. Hidenori Noguchi GREEN Leader; Nanointerface Laser Spectroscopy Group
10:40-11:00	Electrochemical SERS study on well-defined catalytic model surfaces using hybridized plasmon modes Prof. Katsuyoshi Ikeda Associate Professor; Hokkaido University, Member Institutions of GREEN
11:00-11:20	Single Particle Measurement for Li-ion Battery Materials Dr. Kei Nishikawa NIMS Postdoctoral Researcher; Interface-Controlled Battery Materials G.
11:20-11:40	Chemical-state imaging of Li using surface characterization techniques Dr. Nobuyuki Ishida*, Dr. Hitoshi Fukumitsu, and Dr. Daisuke Fujita *NIMS Postdoctoral Researcher; Nano Interface Characterization Group
11:40-12:10	In situ observation of the redox reaction at metal and oxide hetero-interfaces (Invited) Prof. Takayoshi Tanji Professor, Nagoya University, Member Institutions of GREEN
12:10-13:30	Poster Presentation, Lunch
13:30-13:50	Electron holography of solar cells using light irradiation specimen holder system Dr. Ayako Hashimoto GREEN Leader; Environmental Microscopy Group

Time	Title
13:50-14:10	Application of scanning helium ion microscopy to nanomaterials for energy and environments Dr. Hongxuan Guo NIMS Postdoctoral Researcher; Nano Interface Characterization Group
14:10-14:15	Overview of Computational Materials Science in GREEN Dr. Takahisa Ohno, GREEN Coordinator
14:15-14:45	Modeling of the electrode-solution interface (Invited) Prof. Osamu Sugino Associate Professor, The University of Tokyo / GREEN Leader, Computational Electrocatalysis Group
14:45-15:05	Probing surfaces and interfaces with density functional theory Dr. Ikutaro Hamada MANA Scientist, Lithium Air Battery Specially Promoted Research Team
15:05-15:25	Grain Boundary Can Make Li ₂ O ₂ Semiconducting Dr. Wentong Geng NIMS Postdoctoral Researcher; GREEN Computational Materials Science G.
15:25-15:40	Coffee Break
15:40-16:00	The model of polaron-Li vacancy complex diffusion in LIB cathode materials Dr. Dinh VanAn NIMS Special Researcher; GREEN Computational Materials Science Group
16:00-16:05	Overview of GREEN Open Laboratory Mr. Akiya Karen, Administrative Deputy Director
16:05-17:00	Oral Presentations by GREEN Open-lab Guest Researchers
17:00-17:05	Greeting Ms. Asami Kawamura Unit Chief, Office for Materials Science and Nanotechnology Development, Generic Research and Research Platform Division, Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT)
17:05-17:10	Closing Remarks Prof. Kenjiro Miyano, Deputy Director-General of GREEN
17:10-17:15	Remarks Dr. Hidenori Noguchi Executive Committee Chairman of GREEN Symposium
17:20-19:00	Poster Presentation, GREEN Award Reception Party (at Lobby near Auditorium, Namiki site, NIMS) (Fee : JPY2,000 will be charged on site.)

* Programs are subject to change without notice.