

Time	Title
09:30~09:35	<b>Opening Address</b> Prof. Kohei Uosaki Director-General of GREEN
09:35~09:40	<b>Greeting</b> Ms. Yuko Nagano Director, Materials Science and Nanotechnology Development Division Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT)
09:40~09:45	<b>Greeting</b> Dr. Masashi Furukawa Manager, Green Innovation Group, Department of Innovation Research, Japan Science and Technology Agency (JST) / Program Officer of GREEN
09:45~10:00	GREEN Prize Ceremony
10:00~10:30	<b>Slide-Ring Materials: Molecular and Material Design Strategy for Tough Polymers</b> Prof. Kohzo Ito Professor, The University of Tokyo
10:30~10:50	Coffee Break
10:50~11:10	<b>Interfaces in solid-state batteries –Observable only in computation?–</b> Dr. Kazunori Takada Team Leader, All Solid State Battery Specially Promoted Research T., GREEN
11:10~11:30	<b>First-Principles Investigation on Oxide Cathode/Sulfide Electrolyte Interfaces in All-Solid-State Li-Ion Batteries</b> Dr. Jun Haruyama Postdoctoral Researcher, All Solid State Battery Specially Promoted Research T., GREEN
11:30~11:50	<b>Computational simulations on interfaces in all solid-state batteries –What is the origin of interface resistance?–</b> Dr. Takahisa Ohno Coordinator, Green Computational Materials Science G., GREEN
11:50~13:15	<b>Poster Presentation</b> Lunch
13:15~13:45	<b>Database-Driven Survey, Evaluation, and Selection of Fast Li ionic Conductors Through Materials Simulation and Machine Learning Modeling</b> Dr. Randy Jalem Postdoctoral Researcher, Battery Materials Exploration G., GREEN
13:45~14:05	<b>Current status and issues of lithium-air rechargeable batteries</b> Dr. Yoshimi Kubo Team Leader, Lithium Air Battery Specially Promoted Research T., GREEN
14:05~14:25	<b>Grain Boundary Engineering of the Discharge Product Li<sub>2</sub>O<sub>2</sub> in Li-air Battery</b> Dr. Wen-Tong Geng Special Researcher, Green Computational Materials Science G., GREEN

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14:25~14:45	Toward understanding of elementary reactions of Li-O <sub>2</sub> battery through ab initio calculations Dr. Yasuharu Okamoto Principle Researcher, Smart Energy Research Laboratories, NEC Corporation
14:45~15:05	DFT study on surface and interface states of tetragonal CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> for understanding carrier transport mechanism Dr. Yoshitaka Tateyama Researcher, Ad hoc Team on Perovskite PV Cells, GREEN
15:05~15:25	Carrier transport characterization of planar type perovskite solar cells Dr. Masatoshi Yanagida GREEN Leader, Ad hoc Team on Perovskite PV Cells, GREEN
15:25~15:45	Coffee Break
15:45~16:15	Interplay of theory and experiment to develop novel electrocatalyst Prof. Tetsuya Taketsugu Professor, Hokkaido University, GREEN Leader, Electrocatalysis Theory G., GREEN
16:15~16:35	Boron Nitride on Gold as Novel Electrocatalyst for Oxygen Reduction Reaction –Theoretical Proposal and Experimental Proof– Prof. Kohei Uosaki Coordinator, Nanostructured Electrocatalyst G., GREEN
16:35~16:40	Closing Remarks Prof. Kenjiro Miyano Deputy Director-General of GREEN
16:40~16:45	Remarks Dr. Takahisa Ohno Executive Committee Chairman of GREEN Symposium
16:45~17:30	Poster Presentation
17:30~19:00	Reception Party (at Lobby near Auditorium, Namiki site, NIMS) Poster Presentation

\*Programs are subject to change without notice.