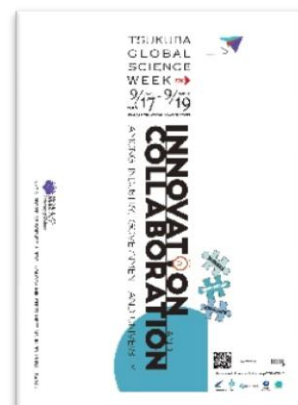


T G S W2016

Session 7: Green Innovation

Date: Monday, September 19, 2016 13 : 30~16 : 30

Venue : Room 402 EPOCHAL TSUKUBA /International Congress Center



Number of Participants: about 30

The theme of the session 7 "Green Innovation" was the energy material sciences. Professor Ku introduced the latest results from Taiwan Photon Source at NSRRC, Taiwan. Dr. Hathwar is the vice PI of the research unit of Prof. Iversen. He talks on the crystal structure of $\text{CH}_3\text{NH}_3\text{PbI}_3$ which achieved energy transformation efficiency of 20%. Prof. Gao and Prof. Li gave presentations on properties of organic optoelectronic materials. From the University of Tsukuba, Prof. Kanbara gave a talk.

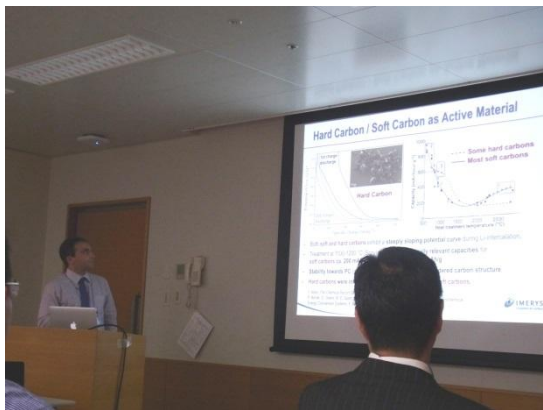
	NAME	Affiliation	Title
Energy Materials			Chair: Hideharu Niwa (UT)
1	Ching-Shun Ku and Di-Jing Huang	NSRRC, Taiwan	Opportunities of Taiwan Photon Source for Energy Material Research
2	Venkatesha Rama Hathwar	University of Tsukuba	Is the crystal structure of $\text{CH}_3\text{NH}_3\text{PbI}_3$ so simple to understand?
3	Pirmin A. Ulmann	IMERYS Graphite & Carbon, Switzerland	Carbon-based Negative Electrode Active Materials for Lithium-ion Batteries –Past, Present and Trends towards the Future
Polymer Materials			Chair: Yohei Yamamoto (UT)
4	Takaki Kanbara	University of Tsukuba	Synthesis of fluorene-based conjugated polymers via direct arylation polycondensation
5	Xike Gao	Shanghai Institute of Organic Chemistry, China	Conjugated Diimides for Organic Optoelectronic Materials: Molecular Design and Synthesis
6	Weishi Li	Shanghai Institute of Organic Chemistry, China	Poly(rod-coil) Polymeric Semiconductors: a new class of Organic Optoelectronic Materials



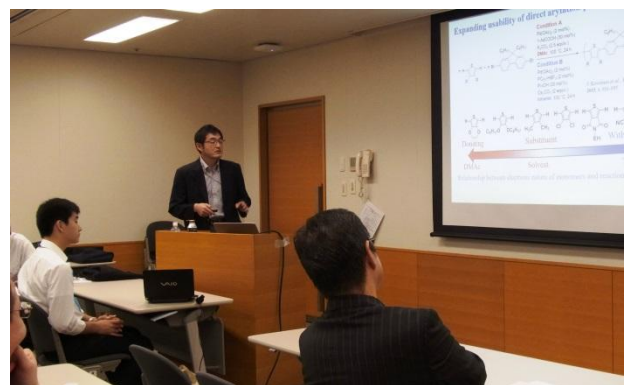
Dr. Ching-Shun Ku



Assistant Professor Venkatesha Rama Hathwar



Dr. Pirmin A. Ulmann



Professor Takaki Kanbara



Professor Xike Gao



Professor Weishi Li

