

Session 5 : Research Frontier of Developing Energy and Environmental-friendly Materials

日時：平成27年9月30日（水） 9:00~17:30

会場：つくば国際会議場エポカルつくば 中ホール300、小会議室405



参加人数 41名

内訳 事前登録 23名 当日登録：18名

	学内	学外	合計
招待講演者	2	8 (内 外国人4)	10
一般	14 (内 外国人3)	1	15
学生	13 (内 外国人4)	3 (内 外国人2)	16
合計	29	12	41

口頭発表者 10名

	氏名	所属	講演題目
1	Bo Iversen	Center for Materials Crystallography (CMC), Aarhus University (デンマーク)	Watching nanocrystals form
2	Junfa Zhu	National Synchrotron Radiation Laboratory, University of Science and Technology of China (中国)	Applications of synchrotron radiation soft X-ray spectroscopies in the studies of energy-related functional materials
3	Cheng-Hao Chuang	Department of Physics, Tamkang University (台湾)	X-ray spectroscopic study for different surface bonding environments of graphene oxide
4	Shin-ichi Adachi	Photon Factory, Institute of Materials Structure Science (IMSS), KEK	Visualizing bond formation in solution with femtosecond X-ray scattering

5	Yoshihisa Harada	The Institute for Solid State Physics (ISSP), Synchrotron Radiation Research Organization, the University of Tokyo	A new perspective on the structure of water: An electronic structure study
6	Hideharu Niwa	Division of Physics, Faculty of Pure and Applied Sciences, University of Tsukuba	<i>Operando</i> soft X-ray emission spectroscopy of non-Pt oxygen reduction catalysts for polymer electrolyte fuel cells
7	Yu Kwon Kim	Department of Chemistry and Department of Energy Systems Research, Ajou University (韩国)	Enhanced catalytic activity of chemically modified TiO ₂ nanocrystals
8	Shin-ichiro Fujita	Division of Applied Chemistry, Faculty of Engineering, Hokkaido University	Mechanism of methanol synthesis over Cu/ZnO: Difference between CO ₂ and CO hydrogenations
9	Tsuyoshi Takata	Global Research Center for Environment and Energy based on Nanomaterials Science (GREEN), NIMS	Development of photocatalysts for water splitting under visible light irradiation
10	Junpei Kuwabara	Tsukuba Research Center for Interdisciplinary Materials Science (TIMS), Graduate School of Pure and Applied Sciences, University of Tsukuba	Practical synthetic method of conjugated polymer materials for organic photovoltaics



