IISc-JAIST joint workshop on functional inorganic and organic materials
Mar 7, 2016, JAIST, Ishikawa, Japan
Organized by Japan Advanced Institute of Science and Technology (JAIST)
(KS Lecture Hall)

Program: 10:00-17:30, KS Lecture Hall

DAY 1 – Monday, March 7, 2016			
Time	**Speaker**	**Title**	**Page**
10:00	Tetsuo Asano (President, JAIST)	OPENING REMARKS	
10:10	*Plenary Talk* Pakkirisamy Thilagar	Structure-Property Correlations and Functional Opportunities of Aggregation-induced Emissive Organic/Organometallic Materials	
11:00	*Invited Talk* Hiroshi Mizuta	Downscaled graphene devices for low-power nanoelectronics and advanced sensing	
11:30	*Invited Talk* Yuki Nagao	Proton transport in Organized Thin Films	
12:00 13:50	**Lunch and Poster Session (KS Lecture Room, K1, 2)**		
14:00	*Plenary Talk* Srinivasan Sampath	Interfacial (Electro)chemical Studies Using Functionalized Surfaces	
14:50	*Invited Talk* Noriyoshi Matsumi	Organoboron Electrolytes For Efficient Lithium Ion Secondary Batteries	
15:20	*Regular Talk* Ramaraj Ayyappan	Research Pursuits towards Alleviation of Problems Related to Energy Crisis	
15:40	**Coffee Break**		
16:00	*Invited Talk* Kohki Ebitani	Synthesis of Value-added Chemicals from Biomass-derived Materials using Heterogeneous Catalytic Systems	
16:30	*Regular Talk* Kishor Kumar Reddy	Insertion of Selenocysteine, the 21st Aminoacid into Polypeptides and Proteins via Dehydroalanine Intermediate	
16:50	*Invited Talk* Takayoshi Watanabe	Position-specific protein PEGylation through incorporation of aromatic amine-containing non-natural amino acid	
17:20	Toshifumi Tsukahara (Dean of MS)	CLOSING REMARKS	
18:00 19:30	**Dinner (JAIST Cafeteria)**		

Poster presentations: 12:00-13:50 (KS Lecture Room, K1, 2)

Author	Title	Page
Umesh Pratap Pandey	The First example of Mechanochromic Luminescent Tricoordinated Boron	
Ramesh Naidu Jenjeti	Hydrogen Evolution Studies on 2D-Layered Chalcogenides	
Kensuke Yoshikoshi	Fluorescence ratiometric detection of antigen using double fluorescent-labeled scFv based on FRET and fluorescence quenching	
Kim Phuong Huynh Nhat	Novel genetically encoded antibody-based biosensor for fluorescence ratio detection of antigen	
Keisuke Fukunaga	Novel IgG-based fluorescent biosensor that shows antigen-dependent fluorescence enhancement	
S M Nizam Uddin	Positive effect of heat treatment on the electrocatalytic activity of Porphyrin-based nanostructure	
Salinthip Laokroekkiat	Porphyrin-based Metal-Organic Coordination Network Thin Films via Layer-by-Layer Approach	
Md. Abu Rashed	Synthesis of Cross-linked Polyurea Thin Film Using Molecular Layer Deposition (MLD) Technique	
Yutaro Ono	Organized structure and proton transport property in sulfonated polyimide thin films	
Mahiro Shirotori	Correlation between Catalytic activity and Surface structure of Cr supported Layered Double Hydroxide for One-pot transformation of Xylose into Furfurals	
Badam Rajashekar	Revisiting Acetylene Black; Fuctionalized Acetylene Black for Efficient Oxygen Reduction Reaction Catalysis	
Ankit Singh	Application of Metal Organic Frameworks/Ionic Liquid Composites in Li-ion Batteries	
Yuhei Umehara	Synthesis and Characterization of Metal/TiO_2 Composite Electrode for Photoelectrochemical Water Splitting	
Muhammad Samir Ullah	Measurement of the Absolute Phase at the Interface of Organic Semiconductor by Second Harmonic Interference Techonique	
Md. Abdus Sattar	Desorption kinetics and activation energy of hydrogen from the Si(111)1x1:H surfaces studied by Sum frequency generation and Second harmonic generation	
Yuto Awatani	Formation of silicene-germanene heterostructures by Ge deposition on epitaxial silicene	
Joonam Kim	Characterization of niobium doped ZrO_2 for gate dielectric material	