Frontiers of catalysis and photocatalysis for energy chemistry

Programme 25 January 2019, Kyoto, Japan

10:00		**Opening Remark by the Royal Society of Chemistry**
10:10	Koichi Eguchi *Kyoto University, Japan*	**Activation of Hydrogen Carriers on Fuel Electrode of Solid Oxide Fuel Cells**
10:50	Mio Kondo *Institute for Molecular Science, Japan*	**Function-Integrated Metal Complex Catalysts for Small Molecule Conversion**
11:10	Kyung-byung Yoon *Sogang University, South Korea*	**Pilot Scale Artificial Cactus**
11:50		**Speaker Lunch**
12:50	Tatsumi Ishihara *Kyushu University, Japan*	**Inorganic-bio photocatalyst for H_2 production**
13:30	Akinobu Nakada *Kyoto University, Japan*	**Band engineering of layered bismuth oxyhalides for visible-light-driven water splitting**
13:50	Magda Titirici *Imperial College London, UK*	**The secret life of carbon in electro-and photocatalysis**
14:30		**Coffee Break**
14:50	James Durrant *Imperial College London, UK*	**In operando spectroelectrochemical studies of water oxidation kinetics on metal oxide electrodes and photoelectrodes**
15:30	Takato Mitsudome *Osaka University, Japan*	**Hybrid Metal Nanoparticles for Green Sustainable Hydrogenation of Amides**
15:50	Hiromi Yamashita *Osaka University, Japan*	**Application of Plasmonic Catalysts for Efficient H_2 Production from Hydrogen Carrier Molecules**
16:30		**Coffee Break**
16:50	Qiang Xu *National Instituteitute of Advanced Industrial Science and Technology, Japan*	**Metal-organic frameworks for catalysis and energy**
17:30	Katie Lim *Royal Society of Chemistry, UK*	**Insights from an Editor: Publishing your energy research with the Royal Society of Chemistry**
18:00		**Closing Remark by the Host**