

JGP Student Exchange Workshop 2016  
(Kyoto Univ./ National Tsing Hua Univ., Taiwan)

Date: May 23(Mon.), 2016

Time: 9:50 am – 5:00 pm

Place: A2-306, Katsura Campus, Kyoto University

Contact: Prof. T. Abe (Phone: 075-383-2487)

Program:

9:50 Welcome address

10:00 – 10:30 Jun-ichi Inamoto, “Investigation of the Surface State of  $\text{LiMn}_2\text{O}_4$  Thin-Film Electrode Using Redox Reaction of Ferrocene”

10:30 – 11:00 Tzu-Ho Wu, “Studies of the Electrolyte Cation Effects on the Phase Transformation of  $\gamma\text{-NiOOH}/\alpha\text{-Ni(OH)}_2$ ”

11:00 – 11:30 Heeyoub Song, “Suppression of Co-intercalation Reaction of Propylene Carbonate and Lithium Ion into Graphite Negative Electrode by Addition of Diglyme”

11:30 – 12:00 Po-Chieh Li, “Novel Configuration of Bifunctional Air Electrodes for Rechargeable Zinc-air Batteries”

Lunch

13:45 – 14:15 Yasuyuki Kondo, "Mechanism of Electrochemical Sodium Ion Intercalation into Graphitic Materials"

14:15 – 14:45 Hsiao-Hsuan Shen, “Capacitance Enhancement of Activated Carbon Induced by Electrochemical Surface Modification in  $\text{TEABF}_4/\text{PC}$ ”

14:45 – 15:15 Meiqi Huang "Interfacial Lithium-ion Transfer between Graphite Negative Electrode and Sulfide Solid Electrolyte"

15:30 – 16:00 Da-Je Hsu, Enhancing the Specific Capacitance of Few-layer Graphene by Electrochemical Activation

16:00 – 16:30 Yuto Miyahara, "Influence of Surface Oxygen Non-stoichiometry on Oxygen Electrochemical Properties of Perovskite-Type Oxides"

16:30 – 17:00 Hsiu-Chuan Chien, “Effects of Buffer Agents on Hydrogen Adsorption and Desorption at/within Activated Carbon for the Negative Electrode of Aqueous Asymmetric Supercapacitors”