

## **JASTIP Joint Seminar between NANOTEC/NSTDA and Kyoto University**

**Date:** November 11, 2017

**Place:** Kyoto University, Katsura Campus, Room (to be announced)

**Organizer:** Noriaki Sano/Kyoto University

13:00 Opening Noriaki Sano

13:00-13:30 Noriaki Sano (Professor at Faculty of Engineering, Dept. Chem. Eng.)

“Our recent studies on syntheses and application of carbon nanomaterials”

13:30-14:00 Dr. Yosuke Nuranaka (Assistant professor at Faculty of Engineering, Dept. Chem. Eng.)

“Continuous 5-Hydroxymethylfurfural Production from Saccharides in a Microreactor”

14:00-14:05 break

14:05-14:35 Kyuya Nakagawa (Associate professor at Faculty of Agriculture)

“Particle processing for encapsulating nutraceuticals”

14:35-15:10 break

15:10-15:40 Dr. Kajornsak Faungnawakij (Principal Researcher at NANOTEC/NSTDA)

“NANOTEC R&D activities on Heterogeneous Nanocatalysts for Biorefinery Applications”

15:40-16:10 Dr. Sirapassorn Kiatphuengporn (Researcher at NANOTEC/NSTDA)

“Advancement of Magnetic Field Application on Performance of Cu-based Catalysts in CO<sub>2</sub> Hydrogenation Reaction”

16:10-16:15 break

16:15-16:45 Dr. Chompoonut Rungnim (Researcher at NANOTEC/NSTDA)

“Reaction Mechanisms of Hydrogen Adsorption and Spillover on Platinum Supported Carbon Nanohorn”

16:45-17:15 Dr. Pongtanawat Khemthong (Senior Researcher at NANOTEC/NSTDA)

“Defining nickel phosphides supported sodium mordenite for one step isomerization and hydrodeoxygenation of palm oil”