

**Report on “Japan-Thailand Joint Seminar under JASTIP 2018”
Noriaki Sano**

On, September 26, 2018 (Wednesday), “Japan-Thailand Joint Seminar under JASTIP 2018” was held at NANOTEC/NSTDA. This seminar has been organized since JASTIP was launched, and the meeting in this year was third time. On this day, two professors, one guest researcher, and three graduate students came from Kyoto University, and 32 researchers from Thai side got together in this meeting. The main topics were about recent research progress related with materials used for energy storage and conversions, and phenomena in nano particles & structures. The participants could deepen the knowledge in their research field and also collaborative relationship thorough this event. The program of this seminar is shown below.

Venue: One North Room, INC2 Building, NANOTEC/NSTDA, Thailand Science Park, Pathum Thani, Thailand

09.00 - 09.10	“Opening and Welcome Address” Dr. Uracha Ruktanonchai Deputy Executive Director, NANOTEC
09.10 – 09.15	Group Photo
09.15 – 09.45	“Recent Progress in Hydrogen Storage Application of Single-Walled Carbon Nanohorns” Professor Noriaki Sano Professor, Kyoto University
09.45 - 10.45	“Energy Innovations with Hydride Materials” Professor Hiroshi Kageyama Professor, Kyoto University
10.45 - 11.00	Coffee Break
11.00 - 11.20	“Strong Metal-Support Interactions in Metal-Organic Frameworks for Gas Phase Catalysis” Dr. Bunyarat Rungtaweevoranit Researcher, NANOTEC
11.20 - 11.40	“Selective Electrochemical Reduction of CO ₂ towards Formate Production on Cu _x Catalyst” Dr. Pussana Hirunsit Researcher, NANOTEC
11.40 - 13.00	Lunch Venue: Lobby C Hall, 1 st Floor, INC2 Building
13.00 - 14.00	Lab Tour in NANOTEC Dr. Aniwat Pingsawang Researcher, NANOTEC
14.00 – 14.20	“Recent studies on single-walled carbon nanohorns” Ms. Yanli Nan Guest Research Associate of Kyoto University and PhD student of Xi’an Jiaotong University
14.20 - 14.40	“New method to evaluate aggregation of nanoparticles using fluorescence spectrum analysis”

Mr. Nagito Takehara
Master student, Kyoto University
14.40 - 14.50 Coffee Break
14.50 – 15.10 "Particle separation by dielectrophoresis"

Mr. Daiki Komuta
Master student, Kyoto University
15.10 – 15.30 "Study on air battery"

Mr. Haoting Xie
Master student, Kyoto University
16.00 Depart to the restaurant
18.00 Welcome Dinner
Venue: Baan Nhuer Nham, 16/1 Keranawatthana Rd, Pathum Thani



Participants in the seminar



Dr. K. Faungnawakiji (center) and participants from Kyoto Univ.