

International meeting between Shanghai University and Meijo University

~Research Exchange Program through Carbon nanomaterials~

supported by JST Sakura Science Exchange Program

Dec. 11(Sat.) 14:00~18:00 (JST), 13:00~17:00(CST) (Online)

Opening

Introduction to Meijo University (14:00-14:10)

Speaker: Prof. Takahiro Maruyama

Nanomaterial Research Center, Meijo University, Japan

Introduction to Shanghai University (14:10-14:20)

Speaker: Prof. Zhen-Yan Deng

Department of Physics, Shanghai University, China

Scientific Session

1. Al surface modification and its application in hydrogen generation and pollutant removal (14:25-14:55)

Speaker: Prof. Zhen-Yan Deng

Department of Physics, Shanghai University, China

2. Graphene Formation by Transmissible Plasma-Evolved Technique (14:55-15:25)

Speaker: Dr. Kamal Prasad Sharma

Nanomaterial Research Center, Meijo University, Japan

3. Fabrication, characterization and applications of SWCNTs by arc discharge (15:25-15:55)

Speaker: Vice-Prof. Lei-Mei Sheng

Department of Physics, Shanghai University, China

(Break)

4. Synthesis of Small-Diameter SWCNTs by CVD with Ir Catalyst (16:10-16:40)

Speaker: Mr. Shu Kondo

Department of Applied Chemistry, Meijo University, Japan

5. Dance with hydrogen: hydrocarbon precursors for the growth of nanocarbons (16:40-17:10)

Speaker: Prof. Yi Liu

Materials Genome Institute, Shanghai University, China

6. In situ catalyst characterization during SWCNT growth by X-ray absorption spectroscopy (17:10-17:40)

Speaker: Mr. Shusaku Karasawa

Department of Applied Chemistry, Meijo University, Japan

Closing

(17:45-18:00) Prof. Takahiro Maruyama, Prof. Zhen-Yan Deng