

# Hiroshima University & National Taiwan University

## Joint Symposium on Chemistry

Join us on Saturday, March 19, 2022

from 8:50 to 16:50 (TWN time); 9:50 to 17:50 (JPN time)

via ZOOM in English

<https://zoom.us/j/97038632019?pwd=MW9mSzRZR1FudUdaQmc>

[rM2Nnb012UT09](https://zoom.us/j/97038632019?pwd=MW9mSzRZR1FudUdaQmc)

Meeting ID: 970 3863 2019

Passcode: 610394



広島大学



國立臺灣大學  
National Taiwan University

### Program and Schedule

8:50 – 9:00  
TWN time  
(9:50 – 10:00)  
JPN time)

#### Opening Address

Prof. Manabu Abe (HU)  
Prof. Jye-Shane Yang (NTU)

#### The 1<sup>st</sup> Session

##### Speaker. Title

##### Moderator

09:00 – 09:30  
(10:00 – 10:30)

Dr. Takeharu Haino  
Edge-Functionalized Graphene Materials

Dr. Manabu Abe

09:30 – 10:00  
(10:30 – 11:00)

Dr. Yi-Tsu. Chan  
2D Porous Arrays Assembled from Giant Metallo-Supramolecular Cages

Dr. Jye-Shane Yang

10:00 – 10:30  
(11:00 – 11:30)

Dr. Hiroto Yoshida  
Synthetic Chemistry with Lewis Acidity-Diminished Organoboron Compounds

Dr. Manabu Abe

10:30 – 11:00  
(11:30 – 12:00)

Dr. Jeffery Farrell  
Warped and Boron-Doped sp<sup>2</sup>-Hybridized Carbon Scaffolds via Electrophilic C-H Borylations

Dr. Jye-Shane Yang

#### The 2<sup>nd</sup> Session

##### Moderator

12:30 – 13:00  
(13:30 – 14:00)

Dr. Rong Shang  
Developments of Main-group Ligands for Transition Metal Complexes: a Journey of Unexpected Reactivity

Dr. Manabu Abe

13:00 – 13:30  
(14:00 – 14:30)

Dr. Ching-Wen Chiu  
Group 13 Cations in Catalysis

Dr. Jye-Shane Yang

13:30 – 14:00  
(14:30 – 15:00)

Dr. Shoko Kume  
Organic Layer Assembly on Cu Electrode toward Selective CO<sub>2</sub> Electrolysis

Dr. Manabu Abe

14:00 – 14:30  
(15:00 – 15:30)

Dr. Hao Ming Chen  
Potential-driven Dynamic Structures of Electrocatalysts

Dr. Jye-Shane Yang

#### The 3<sup>rd</sup> Session

##### Moderator

14:40 – 15:10  
(15:40 – 16:10)

Dr. Minori Abe  
Theoretical study of uranium isotope fractionation for 64 U compounds

Dr. Manabu Abe

15:10 – 15:40  
(16:10 – 16:40)

Dr. Yuan-Chung Cheng  
Theoretical Simulations of Excitonic Dynamics in Molecular Systems: From Photosynthesis to Organic Materials

Dr. Jye-Shane Yang

15:40 – 16:10  
(16:40 – 17:10)

Dr. Yoshiya Inokuchi  
Crown Ether Complexes with Ion Guests Studied by Cold, Gas-Phase Spectroscopy

Dr. Manabu Abe

16:10 – 16:40  
(17:10 – 17:40)

Dr. Jerry Chun Chung Chan  
Phase Transformation and Structural Characterization of Amorphous Calcium Carbonate

Dr. Jye-Shane Yang

16:40 – 16:50

#### Closing Address

Prof. Jye-Shane Yang (NTU)  
Prof. Manabu Abe (HU)



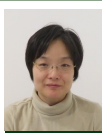
Take  
HAINO



Hiroto  
YOSHIDA



Rong  
SHANG



Shoko  
KUME



Minori  
ABE



Yoshiya  
INOKUCHI



Yi-Tsu  
CHAN



Jeffery  
FARRELL



Ching Wen  
CHIU



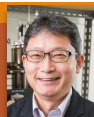
Hao Ming  
CHEN



Jerry  
CHAN



Yuan-Chung  
CHENG



Manabu  
ABE



Jye-Shane  
YANG

Hosted by: Hiroshima University and National Taiwan University