

# Program

Oct. 20<sup>th</sup> (Mon.)

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- 09:00            Registration
- 09:20            Opening remarks

## Session 1

- 09:30    **GO1**    **Takuya Matsuda** (Tottori University, Japan)  
                 “Alkali-silver ion exchange property of zeolite”
- 09:45    **GO2**    **Youngwon Kong** (Institute of Science Tokyo, Japan)  
                 “Fabrication of Nitrogen-Doped Mesoporous Carbons through Self-Assembly of Block Copolymer”
- 10:00    **GO3**    **Dr. Shih-Yuan CHEN** (AIST, Japan)  
                 “Unraveling the Mechanistic Roles of Functionalized Porous Materials in Ammonia Synthesis and Separation”
- 10:15    **GO4**    **Nao Tsunoji** (Tottori University, Japan)  
                 “Tracking synthesis-structure-catalysis relations in AEI and CHA zeolites”
- 10:30    **GO5**    **Liu Shuran** (The University of Tokyo, Japan)  
                 “Elucidating the role of O<sub>2</sub> in selective catalytic reduction of N<sub>2</sub>O with CH<sub>4</sub> by Operando IR and in situ XAFS-DRIFTS methods.”
- 10:45    **GO6**    **Dr. Raquel Simancas** (The University of Tokyo, Japan)  
                 “Hydrostatic Pressure as a Key Parameter in Zeolite Synthesis: Accelerated Crystallization and Controlled Morphology”

- 11:00            Break

## Session 2

- 11:15    **IL1**    **Prof. ChungYuan Mou** (National Taiwan University, Taiwan)  
  
                 “Mesoporous Silica Thin Film for Nanofiltration”

- 11:45 **IL2** **Dr. Mohammad Bahhar** (Saudi Aramco Technologies Company, Saudi Arabia)  
“Materials Design and Engineering for Advanced Hydrocracking Catalysts”
- 12:15 **IL3** **Prof. Xiangju Meng** (Zhejiang University, China)  
“New strategies for the preparation of zeolites”
- 12:45 Lunch

### Session 3

- 14:00 **IL4** **Prof. Jong Hun Kang** (Seoul National University, Korea)  
“Engineering Brønsted Acid Distributions to Advance Zeolite Catalysis in Hydrocarbon Processing from C1 to Waste Polymers”
- 14:30 **IL5** **Dr. Estefania Bello Jurado** (Instituto de Tecnologia Quimica (ITQ), Spain)  
“Design of zeolitic catalysts for selective catalytic reduction of NO<sub>x</sub>”
- 15:00 **IL6** **Prof. Ji-Woong Park** (Gwangju Institute of Science and Technology, Korea (GIST))  
“Synthesis of Dual-doped Porous Titanium Oxide using Ionic Nanogel for Electrocatalytic Nitrogen Reduction Reaction (NRR)”
- 15:30 Break

### Session 4

- 15:45 **IL7** **Dr. Tohru Setoyama** (Mitsubishi Chemical corp./ iPEACE223 Inc., Japan)  
“What is the realistic and reliable strategy for carbon neutralization from the viewpoint of economic and LC-CFP?”
- 16:15 **PL1** **Prof. Tatsuya Okubo** (The University of Tokyo, Japan)  
“Reengineering of Synthesis and Production of Zeolite”
- 17:00 Poster session
- 18:00 Banquet