

Organic Chemistry
Sep.8th – Sep.10th, 2023
Room A

Chaired by Tetsutaro Hattori (Tohoku Univ.) , Shinichi Kondo (Yamagata Univ.) ,
Takayuki Doi (Tohoku Univ.) and Yoshio Saito (Nihon Univ.)

Sep. 8th (Fri.)

10:00 – 10:45 Chaired by Tetsutaro Hattori (Tohoku University)

08A1 ○Masaya Sawamura (Hokkaido University, Japan)
“Synergistic Intermolecular Forces in Asymmetric Transition Metal Catalysis”

10:45 – 11:00 Chaired by Tetsutaro Hattori (Tohoku University)

08A2 ○Azusa Kondoh (Tohoku University, Japan)
“Synthesis of Polysubstituted Naphthofurans Based on Intramolecular
Carbometalation Strategy”

11:00 – 11:15 Chaired by Shinichi Kondo (Yamagata University)

08A3 ○Shintaro Ishida (Tohoku University, Japan)
“Dearomative Cycloaddition of N-Heteroaromatic Compounds with a Divalent
Silicon Species”

11:15 – 11:30 Chaired by Shinichi Kondo (Yamagata University)

08A4 ○Shinya Tanaka (Tohoku University, Japan)
“Friedel-Crafts-Type Reactions of Alkenes by the Combined Use of Lewis Acid and Base”

11:30 – 12:00 Chaired by Shinichi Kondo (Yamagata University)

08A5 ○Daisuke Takeuchi (Hirosaki University, Japan)
“Synthesis of Polymers with Controlled Structures by Pd-Catalyzed Chain-Walking
Polymerization”

13:00 – 13:45 Chaired by Kazuo Takimiya (Tohoku University)

08A6 ○Hidehiro Sakurai (Osaka University, Japan)
“Recent Progress in Sumanene Chemistry”

13:45 – 14:00 Chaired by Kazuo Takimiya (Tohoku University)

08A7 ○Yuichi Kitamoto (Tohoku University, Japan)
“Heteroatom-Bridge-Type Planar Triphenylboranes: Synthesis and Exploiting Lewis
Acid-Base Complexes and Photophysical Properties for Functions”

14:00 – 14:15 Chaired by Takayuki Doi (Tohoku University)

08A8 ○Tetsuya Tsujihara (Iwate Medical University, Japan)
“Synthesis and Application of 1-Sulfur Functionalized [6]helicene”

14:15 – 15:00 Chaired by Takayuki Doi (Tohoku University)

- 08A9 ○Krishna P. Kaliappan (Indian Institute of Technology, India) ★GP-Chem
“Agonies and Ecstasies in Total Synthesis”

Sep. 10th (Sun.)

10:00 – 10:30 Chaired by Yusuke Sasano (Tohoku University)

- 10A1 ○Dokyong Kim (Kyung Hee University, Korea)
“Fluorescent Probe for Biothiols and Its Clinical Applications for Real-Time Glioblastoma Visualization”

10:30 – 11:00 Chaired by Yusuke Sasano (Tohoku University)

- 10A2 ○Takaaki Sato (Keio University, Japan)
“Amide Group Enabling Efficient Synthesis of Alkaloids”

11:00 – 11:15 Chaired by Yoshio Saito (Nihon University)

- 10A3 ○Yasuhiro Meguro (Tohoku University, Japan)
“Total Synthesis of Amycolamicin, A Potent Broad-Spectrum Antibiotic”

11:15 – 12:00 Chaired by Yoshio Saito (Nihon University)

- 10A4 ○Shino Manabe (Hoshi University, Tohoku University, Japan)
“Expansion of Glycoscience from Organic Chemistry”

14:45 – 15:15 Chaired by Yuichi Yoshimura (Tohoku Medical and Pharmaceutical University)

- 10A5 ○Katsuya Tagami (Eisai Co., Ltd., Japan)
“Process Chemistry in Pharmaceutical Development”

15:15 – 15:45 Chaired by Yuichi Yoshimura (Tohoku Medical and Pharmaceutical University)

- 10A6 ○Taichi Kano (Tokyo University of Agriculture and Technology, Japan)
“Asymmetric Synthesis of Chiral Sulfur Compounds via Regioselective Reactions of Sulfinamides”

15:45 – 16:00 Chaired by Masaru Enomoto (Tohoku University)

- 10A7 ○Masaatsu Adachi, Makoto Nakanishi, Takayuki Doi (Tohoku University, Japan)
“Synthetic Study on Solanoclepin A, a Hatching Agent of Potato Cyst Nematode”

16:00 – 16:45 Chaired by Masaru Enomoto (Tohoku University)

- 10A8 ○Hidetoshi Tokuyama (Tohoku University, Japan)
“Synthetic Chemistry Featuring Aerobic Oxidative Transformations Using Iron Phthalocyanine Catalyst”

★…Graduate Program in Integrated Chemistry, Tohoku University