

The following presentations are scheduled at the 105th Spring Meeting of the Chemical Society of Japan, March 26-29, 2025, at Senriyama Campus, Kansai University.

【Oral Presentations】

Academic Program [Lecture A] 08. Catalysis

March 26 (Wed) 9:00 - 11:20 [C]C404(2nd Bldg., Bldg. 2 [4th floor] C404)

▶9:50 - 10:00 Japanese [[C]C404-1am-05]

Pt/WO₃-ZrO₂ catalyzed hydrolysis of phenols in water/alkane mixtures

AI Akito¹, Xiongjie Jin¹, Kyoko Nozaki¹ (1. The University of Tokyo)

▶10:00 - 10:10 Japanese [[C]C404-1am-06]

Pt/Al(PO₃)₃ catalyzed mobile hydrogenolysis of phenols using cyclic hydrocarbons as a hydrogen source

Kento Oshida¹, Xiongjie Jin¹, Kyoko Nozaki¹ (1. The University of Tokyo)

Academic Program [B] 08. Catalysis

March 26 (Wed) 13:00 - 15:30 [C]C404 (2nd Bldg., Hall 2 [4F] C404)

▶13:00 - 13:20 English [[C]C404-1pm-01]

Polyethylene Hydrogenolysis at Low Hydrogen Pressure Utilizing Synergistic Effect of Ru-Pt Alloy Catalysts

Yukari Yamazaki¹, Xiongjie Jin¹, Weihang Sun¹, Katsutoshi Nomoto², Kohei Takahashi¹, Daiki Miura², Tetsuya Shishido², Akira Nakayama¹, Kyoko Nozaki¹ (1. University of Tokyo, 2. Tokyo Metropolitan University)

Academic Program [Lecture A] 09. Coordination Chemistry and Organometallic Chemistry

Friday, March 28, 15:55 - 17:05 [B]A501 (Bldg. 2, 1st Bldg. [5F] A501)

▶16:25 - 16:35 Japanese [[B]A501-3vn-04]

Electrochemical synthesis of higher fatty acids using ethylene and CO₂

Yuuya Miyake¹, Koichiro Masada^{2,3}, Kyoko Nozaki¹ (1. Univ. of Tokyo, 2. Univ. of Tsukuba, 3. TREMS)

Academic Program [Lecture A] 10. Organic Chemistry - Organometallic Compounds

March 27 (Thu) 13:00 - 15:40 [F]2101 (4th Bldg., No.2 [1F] 2101)

▶14:00 - 14:10 Japanese [[F]2101-2pm-06]

Iridium-Catalyzed Chemoselective Hydrogenolysis of Formamide

Ajiro Sota¹, Takanori Iwasaki¹, Kyoko Nozaki¹ (1. Univ. of Tokyo)

Academic Program [Lecture A] 15. Organic Chemistry -Aliphatic and Alicyclic Compounds, New Reaction Technology

March 27 (Thu) 15:55 - 17:15 [F]2401 (4th Bldg., No.2 [4F] 2401)

▶17:05 - 17:15 Japanese [[F]2401-2vn-08]

Selective Recovery of Organic Molecules from Amine-Cured Epoxy Resins Based on Lewis Acid-Catalyzed C-O and C-N Bond Cleavage

Takaya Kondo¹, Kohei Takahashi¹, Kyoko Nozaki¹ (1. The University of Tokyo)

Academic Program [B] 18. Polymer

Thursday, March 27, 13:00 - 15:10 [F]2404 (4th Bldg., No.2 [4F] 2404)

► 14:30 - 14:50 English [[F]2404-2pm-05]

Comparison of UV degradability of high-density polyethylene with methyl ketone side chains or intra-chain ketone groups

Yuan Haobo¹, Kohei Takahashi¹, Nontarin Roopsung¹, Shintaro Nakagawa¹, Naoko Yoshie¹, Kyoko Nozaki¹ (1. Univ. Tokyo)

【Poster Presentations】

Academic Program [Poster] 22. Resource Utilization Chemistry, Environment and Green Chemistry

Friday, March 28, 13:00 - 14:30 Poster Room A (4th Bldg., No.4 [B1F] 4001)

► [[PA]-3pm-17] Japanese

Effect of co-solvent on the dechlorination reaction of polyvinyl chloride under hydrothermal conditions

Satomi Hosokawa¹, Yuki Yamasaki¹, Kenji Sugiyama¹, Hungwe Douglas¹ (1. Hosei University)

Academic Program [Poster] 18. Polymer

Friday, March 28, 10:00 - 11:30 Poster Session B-2 (New Kansai University Building North Wing [1F] Hall)

► [[PB]-3am-102] English

Influence of additives on the hydrothermal dechlorination of PVC

Douglas Hungwe¹, Satomi Hosokawa¹, Yuki Yamasaki¹ (1. Hosei University)