

2023.3.22-3.25 Oral and poster presentations will be given at the 103rd Annual Meeting of the Chemical Society of Japan .

1."Polymers containing ester and ketone groups in chains: synthesis and their biodegradability "

Haobo Yuan¹, Kohei Takahashi¹, Shinya Hayashi¹, Chifeng Li¹, Kazuya Yamaguchi¹, Miwa Suzuki², Kenichi Kasuya², Kyoko Nozaki¹(1. The University of Tokyo, 2.Gunma University), K301-3pm-03 (oral)

2."Highly efficient hydrogenolysis of esters to alkanes using Pt-supported WO₃-ZrO₂ catalyst"

Yukari Yamazaki, Kang Yuan, Jin Xiongjie, Kyoko Nozaki (The University of Tokyo), K305-4am-03 (oral)

3."Chemical recycling of polyurea resin by iridium-catalyzed selective hydrogenolysis to diformamide and Diamine"

Kazuki Tsuge, Naoki Naito, Takanori Iwasaki, Kyoko Nozaki (The University of Tokyo), K404-4am-04 (oral)

4."Investigation of the effect of ligands on the iridium-catalyzed hydrogenolysis of ureas to formamides and amines"

Naoki Naito, Kazuki Tsuge, Takanori Iwasaki, Kyoko Nozaki (The University of Tokyo), K502-2vn-14 (oral)

5."Synthesis of manganese complexes with PN ligands and their application to hydrogenation of carbonyl compounds"

Ninna Saito, Takanori Iwasaki, Kyoko Nozaki (The University of Tokyo), K504-2vn-06 (oral)

6."Carbon-carbon bond cleavage in europium complex-mediated alcoholysis of acetophenone"

Haruki Takarai, Soichirou Kohara, Shuhei Kusumoto, Kyoko Nozaki (The University of Tokyo), K705-3am-05 (oral)

7."Dechlorination of Polyvinyl Chloride with Amines under Hydrothermal Conditions"

Satomi Hosokawa, Hungwe Douglas, Kenji Sugiyama, Yuki Yamasaki (Hosei University), P3-2pm-16(posters)

8. "Effect of stainless-steel corrosion products during hydrothermal dechlorination of polyvinyl chloride"

Douglas Hungwe, Satomi Hosokawa, Yuki Yamasaki (Hosei University), P1-2 pm-31(posters)