

Program of ICEC2022

Short Oral Presentation, July 31st (Sun) 18:30-20:00 (Japan Standard Time)

Location: Room A (Conference venue)

No.	Title of Paper	Authors	Affiliation
P66 18:30- 18:35	Effects of In ₂ O ₃ promoter on an ordered mesoporous Cu/Al ₂ O ₃ for CO ₂ hydrogenation to methanol	<u>Faisal Zafar</u> , Mansoor Ali, Jong Wook Bae	Sungkyunkwan University
P67 18:35- 18:40	Highly efficient hydrogenolysis of aryl ether using nickel phosphide nanoparticle catalyst for lignin valorization	<u>Shafarifky Muhammad Arief</u> , Min Sheng, Sho Yamaguchi, Takato Mitsudome, Tomoo Mizugaki	Osaka University
P78 18:40- 18:45	Nickel carbide nanoparticle catalyst for the selective hydrogenation of nitriles to primary amines	<u>Daiki Kiyohira</u> , Sho Yamaguchi, Takato Mitsudome, Tomoo Mizugaki	Osaka University
P81 18:45- 18:50	Hydrodeoxygenation of lignocellulose-derived vanillin using Ni-La-Ce-Ti perovskite catalysts	<u>Jina Eun</u> , Lien Thi Do, Jonghyun Lee, Jae-Wook Choi, Dong Jin Suh, Chun-Jae Yoo, Kwan Young Lee, Jeong-Myeong Ha	Korea Institute of Science and Technology
P100 18:50- 18:55	Preparation of high-strength collagen gels using titanium oxides with UV irradiation	Hiroko Hoshi, Kaito Wakabayashi, <u>Hiromi Matsuhashi</u>	Hokkaido University
P134 18:55- 19:00	Low-temperature selective EDH over YCrO ₃ perovskite	<u>Kosuke Watanabe</u> , Takuma Higo, Shun Maeda, Hideaki Tsuneki, Kunihide Hashimoto, Yasushi Sekine	Waseda University
P137 19:00- 19:05	Reverse water-gas shift reaction via chemical looping on Co-In ₂ O ₃	<u>Sota Kakihara</u> , Jun-Ichiro Makiura, Takuma Higo, Naoki Ito, Yuichiro Hirano, Yasushi Sekine	Waseda University
P138 19:05- 19:10	Plastic upcycling to liquid fuels and wax at mild conditions	<u>Achmad Buhori</u> , Chun-Jae Yoo	Korea Institute of Science and Technology
P144 19:10- 19:15	Removal of Cs ⁺ with Zincosilicate zeolites	<u>Yudai Shimizu</u> , Makoto Sano, Takanori Miyake	Kansai University
P146 19:15- 19:20	Development of an efficient desulfurization method for aromatic organic sulfur compounds in fuel using ultraviolet light	<u>Taka-Aki Shinozaki</u> , Masahiko Suenaga, Yohan Ko, Eiji Yamamoto, Haruno Murayama, Makoto Tokunaga	Kyushu University
P158 19:20- 19:25	Direct conversion of dimethyl ether (DME) to gasoline range hydrocarbons over ZSM-5: Effect of zeolite morphology to product distribution	<u>Mansoor Ali</u> , Faisal Zafar, Jong Wook Bae	Sungkyunkwan University

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P174 19:25- 19:30	Effects of central metals on photochemical water oxidation activities of doubly N-confused hexaphyrin Complexes	<u>Daichi Sugawara</u> , Takashi Nakazono, Tohru Wada	Rikkyo University
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Short Oral Presentation, August 1st (Mon) 18:30-20:00 (Japan Standard Time)

Location: Room A (Conference venue)

No.	Title of Paper	Authors	Affiliation
P01 18:30- 18:35	Synthesis and adsorption properties of nitroso compounds on metal oxides aiming for evaluation of PEFC oxide catalysts	<u>Masaya Kimura</u> , Kenji Hara	Tokyo University of Technology
P23 18:35- 18:40	Analysis of oxygen storage capacity in oxygen deficient $\text{Sr}_3\text{Fe}_2\text{O}_{7-\delta}$ perovskite by DFT+U	<u>Tadashi Ota</u> , Yoshitada Morikawa	Osaka University
P74 18:40- 18:45	Tuning of hydrogenation ability of supported Pt catalysts by metal oxide cluster modification	<u>Yutaro Matsunaga</u> , Shoji Fukuda, Soichi Kikkawa, Seiji Yamazoe	Tokyo Metropolitan University
P79 18:45- 18:50	Efficient conversion of fatty acid esters and depolymerization of aliphatic polyesters by CaO catalyzed transesterification	<u>Swetha Sudhakaran</u> , S. M. A. Hakim Siddiki, Kotohiro Nomura	Tokyo metropolitan University
P166 18:50- 18:55	Amorphous aluminosilicates as efficient ion exchangers for ammonium cations from aqueous solutions	<u>M. Takemura</u> , R. Simancas, K. Iyoki, T. Okubo, T. Wakihara	The University of Tokyo

How to make short oral presentation

1. Please check the date and time of your short oral presentation.
2. Prepare your presentation file in PowerPoint (or PDF) format. There is no limit to the number of slides, but the presentation should be strictly within 5 min.
3. Please come to the Room A in the conference venue between 18:15-18:30 on the day of your short oral presentation and give your PowerPoint file to the staff by using USB memory.
4. Please be in Room A 10 min before your presentation time (The start time of presentations may vary).
5. The 5-min short oral presentation will be given using a common PC provided at the venue.