C1 가스 리파이너리 국제 심포지엄 I

(International Symposium on C1 Gas Refinery I)

대전컨벤션센터 K발표장(106호) 2019년 10월 25일(금), 08:55~12:10

Chairman: Sungho Yoon, Chung-Ang Univ.

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<th>Time</th>
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<td>08:55</td>
<td>Opening remarks</td>
<td>Jinwon Lee, C1 Gas Refinery R&amp;D Center</td>
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<tr>
<td>09:00</td>
<td>[Keynote Lecture] Catalyst innovation for methane chemistry and technology development</td>
<td>Wataru Ueda, Kanagawa Univ.</td>
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<td>09:40</td>
<td>Methane oxidation to methanol in oleum medium: Finding a solution to overcome limitations</td>
<td>Hyunjoo Lee, KIST</td>
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<td>09:55</td>
<td>Methane oxidation under mild conditions</td>
<td>Eun Duck Park, Ajou Univ.</td>
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<td>10:10</td>
<td>Coffee break</td>
<td>Chairman: Eun Duck Park, Ajou Univ.</td>
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<td>10:20</td>
<td>[Keynote Lecture] Surface ionics/protonics for catalysis at low temperatures</td>
<td>Yasushi Sekine, Waseda Univ.</td>
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<td>11:00</td>
<td>Room temperature methane conversion</td>
<td>Jun Hyuk Moon, Sogang Univ.</td>
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<td>11:15</td>
<td>The synthesis of light hydrocarbons by a nonthermal plasma method</td>
<td>Kyung Su Ha, Sogang Univ.</td>
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<td>11:30</td>
<td>[Keynote Lecture] Recent R&amp;D activities on clean coal technology in DICP</td>
<td>Rui Cai, Dalian Institute of Chemical Physics</td>
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<td>12:10</td>
<td>Lunch</td>
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Speaker

Wataru Ueda
1981 Ph.D., from Dept. of Environmental Chem. and Eng., Tokyo Inst. of Tech.
Present Prof., at the Catalysis Res. Center, Hokkaido Univ.
Prof., Kanagawa Univ.

Hyunjoo Lee
Present Head, Clean Energy Res. Center, KIST
Prof., Division of Energy & Environment, KIST School, UST

Jun Hyuk Moon
2004 Ph.D., Chem. and Bio. Eng., KAIST
2015 Visiting scholar, Harvard Univ.
Present Prof., Sogang Univ.

Kyung Su Ha
2014 Principal Res., KRICT
Present Associate Prof., Sogang Univ.

Yasushi Sekine
1998 Ph.D. in Eng. (Applied Chem.) at The Univ. of Tokyo
2001 Res. Associate, Dept. of Applied Chem., The Univ. of Tokyo
Present Prof., Dept. of Applied Chem., Waseda Univ.

Rui Cai
Present Chinese Academy of Sci. (CAS)
Deputy Director of Dalian Inst. of Chem. Physics (DICP) & Qingdao Inst. of Bioenergy and Bioprocess Tech. (QIBEBT)

Eun Duck Park
2001 Ph.D., Chem. Eng., POSTECH
Present Vice President in C1 Gas Refinery R&D Center
Prof., Ajou Univ.

Chairman

Sungho Yoon
2004 Ph.D., Massachusetts Inst. of Tech.
2019 Prof., Kookmin Univ.
Present Prof., Chung-Ang Univ.

Organizer/Chairman/Speaker
C1 가스 리파이너리 국제 심포지엄 II
(International Symposium on C1 Gas Refinery II)

Department Committee, Special Theme Symposiums

대전컨벤션센터 K발표장(106호)
2019년 10월 25일(금), 13:30~16:00

Chairman: Jong Wook Bae, Sungkyunkwan Univ.

13:30 [Keynote Lecture] Development and challenges in methane and syngas conversion to value-added chemicals
Xiuli Pan, Dalian Institute of Chemical Physics

14:10 Oxidative coupling of methane using modified perovskite catalysts
Jeong-Myeong Ha, KIST

14:25 Porous organic polymers for the heterogeneous ring expanding carbonylation of cyclic ethers to lactones
Sungho Yoon, Chung-Ang Univ.

14:40 Coffee break

Chairman: Kyung Su Ha, Sogang Univ.

14:50 [Keynote Lecture] Innovative fluidized bed technologies in methanol to olefins (MTO) processes
Mao Ye, Dalian Institute of Chemical Physics

15:30 Oxidative dehydrogenation of ethane and CO_2 activation by cyclic redox reactions for chemical looping applications
Jong Wook Bae, Sungkyunkwan Univ.

15:45 Progress report on the modeling and development of C1 conversion reaction
Myung Jun Park, Ajou Univ.

Speaker

Xiuli Pan
Post-doc., Fraunhofer Inst. of Interfacial Eng. and Bio., Present Prof. of the State Key Lab. of Catalysis at the Dalian Inst. of Chem. Physics, Chinese Academy of Sci.

Mao Ye
Ph.D., Southeast Univ. Res. Fellow at Twente Univ. and Eindhoven Univ. of Tech., Present Prof., Dalian Inst. of Chem. Physics (DICP), Chinese Academy of Sciences (CAS)

Jeong-Myeong Ha

Myung-June Park
Ph.D., Chem. Eng., Seoul Natl Univ., 2006 Post-doc., Univ. of California at Santa Barbara, Present Prof., Ajou Univ.

Chairman

Kyung Su Ha

Chairman/Speaker

Eun Duck Park
Ph.D., Chem. Eng., POSTECH, Present Vice President in C1 Gas Refinery R&D Center, Prof., Ajou Univ.

Jong Wook Bae

Sungho Yoon