C1 가스 리파이너리 국제 심포지엄 I

(International Symposium on C1 Gas Refinery I)

공동주관: 촉매부문위원회, C1가스 리파이너리 사업단

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

Chairman: Sungho Yoon, Chung-Ang Univ.

08:55	Opening remarks	Jinwon Lee, C1 Gas Refinery R&D Center
09:00	[Keynote Lecture] Catalyst innovation for methane chemistry and technology development	Wataru Ueda, Kanagawa Univ.
09:40	Methane oxidation to methanol in oleum medium: Finding a solution to overcome limitations	Hyunjoo Lee, KIST
09:55	Methane oxidation under mild conditions	Eun Duck Park, Ajou Univ.
10:10	Coffee break	

Chairman: Eun Duck Park, Ajou Univ.

10:20	[Keynote Lecture] Surface ionics/protonics for catalysis at low temperatures	Yasushi Sekine, Waseda Univ.
11:00	Room temperature methane conversion	Jun Hyuk Moon, Sogang Univ.
11:15	The synthesis of light hydrocarbons by a nonthermal plasma method	Kyung Su Ha, Sogang Univ.
11:30	[Keynote Lecture] Recent R&D activities on clean coal technology in DICP	Rui Cai, Dalian Institute of Chemical Physics
12:10	Lunch	

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

2003 Ph.D., Chem., Sogang Univ.
Present Head, Clean Energy Res. Center, KIST
Prof., Division of Energy & Environment, KIST School, UST

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.

Jun Hyuk Moon

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

Kyung Su Ha

2001 Ph.D., Chem. Eng., Seoul Nat'l Univ.
2014 Principal Res., KRICT
Present Associate Prof., Sogang 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)

Organizer/Chairman/Speaker

Eun Duck Park

2001 Ph.D., Chem. Eng., POSTECH
Present Vice President in C1 Gas Refinery R&D Center
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Chairman

Sungho Yoon

2004 Ph.D., Massachusetts Inst. of Tech.
2007 Senior Res., LG Chem.
2019 Prof., Kookmin Univ.
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C1 가스 리파이너리 국제 심포지엄 II

(International Symposium on C1 Gas Refinery II)

공동주관: 촉매부문위원회, C1가스 리파이너리 사업단

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	Xiulian 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

Xiulian Pan

2003 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.

Jeong-Myeong Ha

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