한-대만 화학공학회 공동 심포지엄 I
(Korea-Taiwan Joint Symposium on Chemical Engineering I)
주 관: 국제화 국제협력위원회

대전컨벤션센터 F발표장(101호) 2019년 10월 24일(목), 08:30~11:00

Chairman: Jeong Woo Han, POSTECH

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<th>Time</th>
<th>Topic</th>
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<td>08:30</td>
<td>Opening remarks</td>
<td>Kwan-Young Lee, President-Elect of KIChe</td>
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<td>Da-Ming Wang, Nat’l Taiwan Univ.</td>
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<td>08:45</td>
<td>Troubleshooting a zeolitic imidazolate framework membrane for the realization of membrane reactor–based hydrogen production</td>
<td>Jungkyu Choi, Korea Univ.</td>
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<td>09:10</td>
<td>Zeolite/MOF membranes for antifogging coating and molecular separations</td>
<td>Dun-Yen Kang, Nat’l Taiwan Univ.</td>
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<td>09:35</td>
<td>Coffee break</td>
<td>Chairman: Dun–Yen Kang, Nat’l Taiwan Univ.</td>
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<td>09:45</td>
<td>Design of metal–organic polyhedra for photocatalysis</td>
<td>Kyungmin Choi, Sookmyung Women’s Univ.</td>
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<td>10:35</td>
<td>Water splitting electrocatalysts for clean hydrogen production</td>
<td>Chia–Ying Chiang, Taiwan Tech.</td>
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</table>

**Speaker**

**Jungkyu Choi**
2008 Ph.D., Chem. Eng., Univ. of Minnesota
2011 Post-doc., Univ. of California, Berkeley
Present Assoc. Prof., Chem. Eng., Korea Univ.

**Kyungmin Choi**
2012 Ph.D., Mater. Sci. & Eng., KAST
2015 Post-doc., Univ. of California, Berkeley
Present Assoc. Prof., Chem. Eng., Sookmyung Women’s Univ.

**Chung–Wei Kung**
2019 Post-doc., Northwestern Univ.

**Chia–Ying Chiang**
2012 Ph.D., Chem. Eng., Univ. of Maryland
2013 Post-doc., Academia Sinica, Taiwan
Present Assoc. Prof., Chem. Eng., Taiwan Tech.

**Organizer**

**Kijung Yong**
2000 Post-doc., Univ. of Texas, Austin
Present Prof., Chem. Eng., POSTECH

**Organizer/Chairman**

**Jeong Woo Han**
2012 Post-doc., MIT
Present Assoc. Prof., Chem. Eng., POSTECH

**Organizer/Chairman/Speaker**

**Dun–Yen Kang**
2013 Post-doc., Georgia Tech
Present Assoc. Prof., Chem. Eng., Nat’l Taiwan Univ.
한-대만 화학공학회 공동 심포지엄 II
(Korea-Taiwan Joint Symposium on Chemical Engineering II)
주 관: 국제화 국제협력위원회

대전컨벤션센터 F발표장(101호)
2019년 10월 24일(목), 14:00~17:10

Chairman: Inho Nam, Chung-Ang Univ.

14:00
La-incorporated Zinc-based MOF for catalytic glycerol carboxylation
Chechia Hu, Chung Yuan Christian Univ.

14:25
Determination of active site in mesoporous oxides for catalytic furfural hydrogenation
Kwangjin An, UNIST

14:50
Theoretical understanding and design of heterogeneous catalysis for efficient energy storage and conversion
Jong Suk Yoo, Univ. of Seoul

15:15
Coffee break

Chairman: Kijung Yong, POSTECH

15:30
Chemical transformation and assembly of nanoparticles for electrochemical energy application
Don-Hyung Ha, Chung-Ang Univ.

15:55
Atmospheric-pressure microplasmas: A versatile source for material synthesis and catalysis
Wei-Hung Chiang, Taiwan Tech.

16:20
Flexible electrodes for deformable energy storage devices
Inho Nam, Chung-Ang Univ.

16:45
Dispersion control through crystal ordering: The case of L11 Ag–Pt
Yung-Tin Pan, Nat’l Tsing Hua Univ.

Speaker

Chechia Hu
2010 Ph.D., Natl Cheng Kung Univ.
2015 Researcher, Taiwan Textile Research Institute
Present Associate Prof., Chem. Eng., Chung Yuan Christian Univ.

Kwangjin An
2015 Post-doc., Univ. of California, Berkeley
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Present Assistant Prof., Integrative Eng., Chung-Ang Univ.

Wei-Hung Chiang
2012 Ph.D., Chem. Eng., Case Western Reserve Univ.
2011 Post-doc., ASE, Japan
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Yung-Tin Pan
2017 Ph.D., Chem. Eng., UIUC
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Organizer

Da-Ming Wang
2017 President of Taiwan Membrane Society
Present Prof., Chem. Eng., Nat’l Taiwan Univ.

Dun-Yen Kang
2013 Post-doc., Georgia Tech.
Present Associate Prof., Chem. Eng., Natl Taiwan Univ.

Jeong Woo Han
2012 Post-doc., MIT
Present Associate Prof., Chem. Eng., POSTECH

Organizer/Chairman

Kijung Yong
2000 Post-doc., Univ. of Texas, Austin
Present Prof., Chem. Eng., POSTECH

Chairman/Speaker

Inho Nam
2018 Post-doc., Stanford Univ.
Present Assistant Prof., Chem. Eng., Chung-Ang Univ.