

Symposium on Innovative Approaches to Energy Solution: Photocatalysis, 2D and Perovskite Materials

Host: Division of Materials

Pusan BEXCO Room 203

2024. 10. 17.(Thu), 15:00~17:30

Chair: Ji-Hyun Jang, UNIST

15:00	Passivated metals with enhanced energy and biomedical functions	Jiaying Huang, Westlake Univ.
15:25	The opportunity of realizing precise materials manufacture at the age of "AI for Science"	Feng Ding, Shenzhen Univ. of Adv. Technol.
15:50	Molecular models of photosynthesis	Shunichi Fukuzumi, Ewha Womans Univ.
16:15	On photocatalytic seawater splitting	Lionel Vayssieres, Xi'an Jiaotong Univ.
16:40	Conversion anode for aqueous zinc batteries	Chunyi Zhi, City Univ. of Hong Kong
17:05	Interface engineering of perovskite nano and micro crystals for high-performance optoelectronics	Min Kim, Jeonbuk Nat'l Univ.

Invited Speaker



Jiaying Huang, Westlake Univ.
2004 PhD, Chemistry, UCLA
2021 On faculty of MSE, Northwestern Univ.
Present Chair Prof. of MSE, Westlake Univ.



Feng Ding, Shenzhen Univ. of Adv. Technol.
2002 PhD, Physics, Nanjing Univ.
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Shunichi Fukuzumi, Ewha Womans Univ.
1978 PhD, Chem. Eng., Tokyo Inst. of Tech.
2015 Prof., Appl. Chem., Osaka Univ.
Present Prof., Chem. Nanoscience, Ewha Womans Univ.



Lionel Vayssieres, Xi'an Jiaotong Univ.
1995 PhD, Chem., Pierre & Marie Curie Univ.,
2012 Researcher Uppsala Univ., UT Austin, LBNL, EPFL, NIMS
Present Prof., Sci. Director IRCRE, Xi'an Jiaotong Univ.



Chunyi Zhi, City Univ. of Hong Kong
1999 PhD, in Condensed Matter Physics, Institute of Physics (IOP), Chinese Academy of Sciences, P. R.
2020 Prof., Mater. Sci. and Eng., City Univ. of Hong Kong
Present Chair Prof., Mater. Sci. and Eng., City Univ. of Hong Kong



Min Kim, Jeonbuk Nat'l Univ.
2014 PhD, Chem. Eng., POSTECH
2019 MSCA Postdoc. Researcher., Italian Institute of Technology
Present Assoc. Prof., Chem. Eng., Jeonbuk Nat'l Univ.

Organizer



Tae-il Kim, Sungkyunkwan Univ.
2009 PhD, Chem. Eng., Seoul Nat'l Univ.
2012 Postdoc, Mater. Sci. Eng., Univ. Illinois at Urbana-Champaign (UIUC)
Present Prof., Chem. Eng., Sungkyunkwan Univ.

Organizer/Chair



Ji-Hyun Jang, UNIST
2003 PhD, Chem. KAIST.
2009 Postdoc, Mater. Sci. & Eng., MIT
Present Prof., Energy & Chem. Eng., UNIST