

Wiley Small Science Symposium: Strategies for Future Innovation in Chemical Engineering through Multidisciplinary Global Collaboration

Host: KICHe Japan Region, Humanoid olfactory display Innovation research Center (HIC) of Pusan Nat'l Univ., Industry-Responsive Next-generation Battery Materials Regional Leading Research Center (IR-NBM RLRC) of Chungbuk Nat'l Univ., Education Research Group for Nano-Convergence based Advanced Materials

Sponsor: Humanoid olfactory display Innovation research Center (HIC) of Pusan Nat'l Univ., Industry-Responsive Next-generation Battery Materials Regional Leading Research Center (IR-NBM RLRC) of Chungbuk Nat'l Univ., Education Research Group for Nano-Convergence based Advanced Materials

Pusan BEXCO Room 104

2024. 10. 18.(Fri), 09:00~11:00

Chair: IL Jeon, Sungkyunkwan Univ.

09:00	Welcome remarks	
09:10	[Keynote Lecture] MAP in medicals	Beomjoon Kim, The Univ. of Tokyo
09:40	How to maximize your success in scientific publishing an advanced perspective	Guangchen Xu, Physical Science, Wiley China
10:00	TBA	Small Young Innovator Award Winner TBA
10:20	[Keynote Lecture] Development of sensing materials based on element-blocks	Kazuo Tanaka, Kyoto Univ.

Keynote Speaker



Beomjoon Kim, The Univ. of Tokyo
1998 PhD, Precision Machinery Eng., The Univ. of Tokyo
2000 Assoc. Prof., Precision Eng., The Univ. of Tokyo
Present Prof., Precision Eng., The Univ. of Tokyo



Kazuo Tanaka, Kyoto Univ.
2004 PhD, Grad. Sch. of Eng., Kyoto Univ.
2007 Assist. Prof., Grad. Sch. of Eng., Kyoto Univ.
Present Prof., Grad. Sch. of Eng., Kyoto Univ.



Guangchen Xu, Physical Science, Wiley China
2010 PhD, MSE, BJUT
2011 Assist. Prof., Coll. of MSE, BJUT
Present Editorial Director, Physical Sciences, Wiley China

Organizer



Hyung Do Kim, Kyoto Univ.
2017 PhD, Grad. Sch. of Eng., Kyoto Univ.
2018 JSPS Postdoctoral Research Fellow
Present Assist. Prof., Grad. Sch. of Eng., Kyoto Univ.
Head of KICHe Japan Region



Jin-Woo Oh, Pusan Nat'l Univ.
2009 PhD, Chem., Hanyang Univ.
2012 Postdoctoral Fellow, Bioeng., UC Berkeley
Present Prof., Nanoenergy Eng., Pusan Nat'l Univ.
Head Director of HIC, Pusan Nat'l Univ.



Sang Mun Jeong, Chungbuk Nat'l Univ.
1999 PhD, Chem. Eng., KAIST
2004 Sr. Researcher, LG Chemical Ltd./Research Park
Present Prof., Chem. Eng., Chungbuk Nat'l Univ.
Head Director of IR-NBM RLRC, Chungbuk Nat'l Univ.

Organizer/Chair



Ho Seok Park, Sungkyunkwan Univ.
2008 PhD, Chem. Eng., KAIST
2015 Postdoc, Univ. of Michigan, Ann Arbor
Present Prof., Chem. Eng., Sungkyunkwan Univ.



IL Jeon, Sungkyunkwan Univ.
2016 PhD, Chem., The Univ. of Tokyo
2020 Assist. Prof., Mech. Eng., The Univ. of Tokyo
Present Assoc. Prof., SAINT & Nano Eng., Sungkyunkwan Univ.
Vice Provost of SKKU
International Affairs Division
Center Director, SGRC

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Pusan BEXCO Room 104

2024. 10. 18.(Fri), 14:00~17:00

Chair: Byeong Guk Jeong, Pusan Nat'l Univ.

14:00	[Keynote Lecture] Functionalized fullerenes and carbon nanotubes for organic and perovskite solar cells	Yutaka Matsuo, Nagoya Univ.
14:30	Synthesis of functionalized 2D material via selective photothermal treatment and its applications	Seoung-Ki Lee, Pusan Nat'l Univ.
14:50	Tailored synthesis of nanostructured carbon materials and encapsulation of metal chalcogenides for enhanced battery electrode performance	Gi Dae Park, Chungbuk Nat'l Univ.
15:10	Optimization of prussian blue particles for sodium ion battery applications	Changshin Jo, POSTECH
15:30	Coffee break	
Chair: Seoung-Ki Lee, Pusan Nat'l Univ.		
15:45	Functionalization of PEDOT: PSS-based organic electrochemical transistors	Shunsuke Yamamoto, Kyoto Univ.
16:05	Colloidal semiconductor heterostructures for light emitting applications	Byeong Guk Jeong, Pusan Nat'l Univ.
16:25	Semi-solid electrolytes based on binary metal-organic-frameworks	Sangbaek Park, Chungnam Nat'l Univ.
16:45	Award presentation and cake cutting & closing remarks	

Keynote Speaker



Yutaka Matsuo, Nagoya Univ.
2001 PhD, Grad. Sch. of Eng. Sci., Osaka Univ.
2004 Assist. Prof., Sch. of Sci., The Univ. of Tokyo
Present Prof., Grad. Sch. of Eng., Nagoya Univ.



Shunsuke Yamamoto, Kyoto Univ.
2012 PhD, Grad. Sch. of Eng., Kyoto Univ.
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Present Assoc. Prof., Grad. Sch. of Eng., Kyoto Univ.

Speaker



Gi Dae Park, Chungbuk Nat'l Univ.
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2021 Res. Prof., MSE, Korea Univ.
Present Assist. Prof., Adv. Mater. Eng., Chungbuk Nat'l Univ.



Sangbaek Park, Chungnam Nat'l Univ.
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Chair/Speaker



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Byeong Guk Jeong, Pusan Nat'l Univ.
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