

Symposium on Next-Generation Separation Technology: Convergence of Materials, Processes, and AI

Host: Division of Separation Technology

부산 BEXCO

2026. 10. 8.(Thur), 09:00~11:30

Chair: Chan Hyun Lee, Univ. of Ulsan

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|-------|--|---|
| 09:00 | [Keynote Lecture] Engineering membranes for carbon capture:
From polymer to MOF-based mixed matrix membranes | Sui Zhang, Nat'l Univ. of Singapore (NUS) |
| 09:35 | [Keynote Lecture] Mixed-matrix membranes for molecular separation | Gongping Liu, Nanjing Tech |
| 10:10 | [Keynote Lecture] Building toward a general AI scientist:
Starting with materials and chemistry | Chenru Duan, Hangzhou Deep Principle Technology Co., Ltd. |
| 10:45 | [Keynote Lecture] Separation materials toward sustainability | Jung-Hyun Lee, Korea Univ. |

Keynote Lecture Speaker



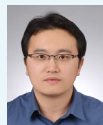
Sui Zhang, Nat'l Univ. of Singapore
2012 PhD, Chem. and Biomol. Eng., Nat'l Univ. of Singapore
2017 Postdoc, MIT
Present Assoc. Prof., Chem. and Biomol. Eng., Nat'l Univ. of Singapore



Gongping Liu, Nanjing Tech
2013 PhD, Chem. Eng., Nanjing Tech Univ.
2015 Postdoc, Georgia Tech
Present Prof., Chem. Eng., Nanjing Tech Univ.



Chenru Duan, Hangzhou Deep
2022 PhD, Chemistry, MIT
2024 Research Scientist, Azure Quantum, Microsoft
Present Founder and CTO, Deep Principle



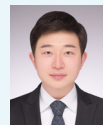
Jung-Hyun Lee, Korea Univ.
2010 PhD, Chem. and Biomol. Eng., Georgia Tech
2012 Senior Researcher, KIST
Present Prof., Chem. and Biol. Eng., Korea Univ.

Organizer



Pil Rip Jeon, Kongju Nat'l Univ.
2018 PhD, Chem. and Biomol. Eng., Yonsei Univ.
2021 MIT Postdoctoral Fellow
Present Assoc. Prof., Kongju Nat'l Univ.

Chair



Chan Hyun Lee, Univ. of Ulsan
2017 PhD, Chem. and Biol. Eng., Korea Univ.
2018 Postdoc, KIST
2022 Senior Researcher, KIER
Present Assist. Prof., Chem. Eng., Univ. of Ulsan