

Symposium on Greenhouse Gas and Air Pollution Mitigation Technology

Host: Division of Energy and Environment

Pusan BEXCO Room 207

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

Chair: Kyubock Lee, Chungnam Nat'l Univ.

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|-------|---|-------------------------------------|
| 15:00 | [Keynote Lecture] Process reengineering of ceramic membranes for environmental sustainability | Zhaoxiang Zhong, Nanjing Tech Univ. |
| 15:30 | [Keynote Lecture] Carbon capture and conversion technology for producing value-added fuels and chemicals | Chundong Zhang, Nanjing Tech Univ. |
| 16:00 | First-principles investigations for catalytic conversion of NO, CO ₂ , and CH ₄ | Hee-Joon Chun, Chungnam Nat'l Univ. |
| 16:25 | Efficient and stable membrane electrode assembly for electrochemical CO ₂ conversion | Hyung-Suk Oh, KIST |
| 16:50 | Electrochemical co-valorisation of NO _x and SO _x for sustainable resource circulation | Dong-Yeon Kim, Blue Tech |

Keynote Speaker



Zhaoxiang Zhong, Nanjing Tech Univ.
2007 PhD, Chem. Eng., Nanjing Tech. Univ.
Present Prof., Dean of school of environmental science and technology, Chem. Eng., Nanjing Tech. Univ.



Chundong Zhang, Nanjing Tech Univ.
2016 PhD, Green Chem. Eng., UST
2019 Postdoc, C1 Gas Research Center, KRICT
Present Prof., Chem. Eng., Nanjing Tech. Univ.



Hee-Joon Chun, Chungnam Nat'l Univ.
2017 PhD, Chem. Eng., Purdue Univ.
2024 Principal Scientist, Samsung Electro-Mechanics Co., Ltd.
Present Assist. Prof., Chemistry, Chungnam Nat'l Univ.

Invited Speaker



Hyung-Suk Oh, KIST
2017 PhD, Chem. Eng., Yonsei Univ.
2017 Postdoc, Technical Univ. Berlin
Present Principal Researcher, Clean Energy Research Center, KIST



Dong-Yeon Kim, Blue Tech
2015 PhD, Environ. Eng., KAIST
2022 Postdoc, Environment & Sustainable Resources Research Center, KRICT.
Present Research Director, Corporate Research Institute, Blue Tec



Kyubock Lee, Chungnam Nat'l Univ.
2010 PhD, Bio. Chem. Eng., KAIST
2016 Senior Researcher, KIER
Present Prof., Energy Eng./GEST, Chungnam Nat'l Univ.

Organizer/Chair