Assistant Professor. Geonhui Lee

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Geonhui Lee, Ph.D., is an Assistant Professor in the School of Chemical and Biological Engineering at Seoul National University. She specializes in Electrochemistry, Energy Science, and Carbon capture and utilization.

Dr. Lee received her Ph.D. in Electrical and Computer Engineering from the University of Toronto in 2023. Prior to her current faculty appointment, she served as a Postdoctoral Fellow at the College of Chemistry, University of California, Berkeley (2023–2024). She also brings industrial experience from her time as an Engineer at the Semiconductor R&D Center at Samsung Electronics (2016–2018).

Her research focuses on advanced electrochemical systems, specifically the development of CO_2 electrolyzers and reactive-capture technologies. Dr. Lee has published extensively on capture-and-upgrading of CO_2 in high-impact journals, including Nature Energy, Joule, Nature Communications, and the JACS.