



Prof. Taewook Nam

Dept. of Semiconductor Systems Engineering
Sejong University, South Korea



Taewook Nam is an assistant professor in the Department of Semiconductor Systems Engineering and the Department of Artificial Intelligence and Information Technology at Sejong University, South Korea. Dr. Nam received his Ph.D. degree in electrical and electronic engineering from Yonsei University (supervisor: Prof. Hyungjun Kim) in 2018. Prior to joining Sejong University, he studied thermal atomic layer etching (ALE) at the University of Colorado Boulder under the supervision of Prof. Steven M. George. His research interests include ALE, atomic layer deposition (ALD), and device fabrication using ALD and ALE. Dr. Nam has published more than 30 papers and holds 10 granted patents related to ALD and ALE. His recent work has focused on: (1) process development of ALD and ALE and (2) sub-5 nm scale device fabrication using ALE and ALD for next-generation devices. Additionally, his research encompasses area-selective deposition (ASD) and its applications in display and energy, utilizing cutting-edge deposition and etching processes.