

Korean International Semiconductor Conference & Exhibition on Manufacturing Technology 2025

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Re:Innovation of Semiconductor Manufacturing for AI Ecosystem



Prof. Woojin JEON

(Kyung Hee Univ., Korea)

Professor Woojin Jeon received his Bachelor's and Master's degrees in the Department of Materials Science and Engineering at Korea Advanced Institute of Science and Technology (KAIST) in 2005 and 2007, respectively, and his Ph.D. degree in the same department at Seoul National University (Korea) in 2015. His current research interests focus on semiconductor materials, devices, and processing, including high-k dielectrics, electrode films, 2D materials, ALD processes, DRAM, RRAM, and more, drawing from his extensive research experiences in domestic and foreign research institutes such as KIST and CNRS/CEA-LETI, as well as in industries such as SK Hynix Inc. and Samsung Advanced Institute of Technology.

Currently, he serves as an associate professor in the Department of Materials Science and Engineering at Kyung Hee University in Korea. Professor Jeon's research also focuses on fostering semiconductor talent through industry-academia cooperation, along with a strong collaboration with semiconductor companies.