

Korean International Semiconductor Conference & Exhibition on Manufacturing Technology 2025

KISM 2025 BUSAN

Re:Innovation of Semiconductor Manufacturing for AI Ecosystem



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Taeseup Song is an associated professor in the Department of Energy Engineering at Hanyang University in Korea. He got his Ph.D. in the Department of Materials Science & Engineering at Hanyang University in 2012 and was appointed as an assistant professor in the School of Materials Science and Engineering at Yeungnam University in 2015. In 2017, he joined Hanyang University as a professor.

His research interests are centered around the exploration and development of materials for chemical mechanical planarization (CMP) process and next-generation energy storage systems. Based on the fundamental understanding of the physical and electrochemical properties of the materials, his research has encompassed CMP slurry development and various aspects of advanced energy storage systems.

He has been recognized for his achievements as a researcher, receiving awards such as the 4th Next-Generation Scientist Awards from The Korean Academy of Science and Technology, HCP Best Researcher Awards & Best Researcher Awards from Hanyang University. He has collaborated with global companies such as Samsung Electronics, SK Hynix, Samsung SDI, and LG Chem, and made significant contributions to the industry.