

Korean International Semiconductor Conference & Exhibition on Manufacturing Technology 2025

KISM 2025 BUSAN

Re:Innovation of Semiconductor Manufacturing for AI Ecosystem



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Jae-Dong Lee has more than 27 year experience in semiconductor industry, especially for CMP R&D. Currently, he has served as the head of Material R&D Center of KC Tech since 2022. Before joining KC Tech, he worked for Cabot Microelectronics Co. (currently merged to Entegris) as a R&D manager at CMC's US headquarter (Illinois, USA) for 7 years. His semiconductor career had started from 1998 by joining Semiconductor R&D Center of Samsung Electronics as a CMP engineer. During his Samsung, he participated in lots of R&D activities of CMP technology such as slurry, pad, metrology including equipment H/W and advanced process control (APC). He was also dispatched Belgium IMEC as a CMP assignee of advanced interconnect program for 2 years from 2005 to 2006. Jae-Dong Lee received a BS in Chemical Engineering from Yonsei University and an MS and Ph.D. in Chemical Engineering from Korea Advanced Institute of Science and Technology (KAIST).