

Korean International Semiconductor Conference & Exhibition on Manufacturing Technology 2025

KISM 2025 BUSAN

Re:Innovation of Semiconductor Manufacturing for AI Ecosystem

Session Date November 13 (Thu.), 2025

Session Time 09:00-10:35

Session Room F (Panorama Room, 16F)

[ThF1-1] [Plenary] 09:00-09:45

Advances in Etching Technologies for Next Generation Semiconductor Manufacturing towards Sustainable Development Goals

Shih-Nan Hsiao (Nagoya Univ., Japan)

[ThF1-2] [Invited] 09:45-10:10

Estimating GWP based on a Comprehensive Analysis of R134a: A Method for Accurate Monitoring of Greenhouse Gas Emissions

Dongkyum Kim, Sang Woo Kim, Miyeon Park, and Jeongsoon Lee (KRISS, Korea)

[ThF1-3] [Invited] 10:10-10:35

Toward Sustainability: Green CVD Approaches for Decarbonizing Semiconductor Fabs

Chulhwan Choi, Mingyo Byeon, Jingyu Park, Byeongsun Yoo, Dongjoon Myung, and Changsoo Lee (Samsung Electronics Co., Ltd., Korea)