



Session Title:	[WeB2] Carbon Neutrality in Semiconductor Industry I
Session Date:	November 13 (Wed.), 2024
Session Time:	14:10-15:45
Session Room:	Room B (Grand Ballroom 1, 2F, Paradise Hotel Busan)
Session Chair:	Prof. Hankwon Lim (UNIST, Korea)

[WeB2-1] [Invited] 14:10-14:40

Research on Carbon Neutrality Efforts and Product Life Cycle Assessment (LCA) in the Semiconductor Industry

Hyukhwa Kwon and Kyujin Choi (SK hynix Inc., Korea)

[WeB2-2] [Invited] 14:40-15:05

Fluorinated Ethers as Low-GWP Solutions for Plasma Etching of SiO₂

Sanghyun You and Chang-Koo Kim (Ajou Univ., Korea)

[WeB2-3] 15:05-15:25

Application of Life Cycle Assessment (LCA) to Chemical Processes

Wangyun Won (Korea Univ., Korea)

[WeB2-4] 15:25-15:45

Advanced Optimal Control Strategies for Sustainable Green Chemical Vapor Deposition in Semiconductor Industry

Tae Hoon Oh (UNIST, Korea)