



[WeE1] Nanostructured Materials and Surface Chemistry

Session Date	November 12 (Wed.), 2025
Session Time	09:00-10:50
Session Room	Room E (Sicily Room, 1F)
Session Chair	Prof. Jihoon Seo (Clarkson Univ., USA)

[WeE1-1] [Invited]

09:00-09:30

3D Observation Method of Transporting Nano-Particle near a Surface

Panart Khajornrungruang (Kyushu Inst. of Tech., Japan)

[WeE1-2] [Invited]

09:30-10:00

Oxidation Behavior of Co Metal for CMP Slurry Design

Seho Sun (Yeungnam Univ., Korea)

[WeE1-3] [Invited]

10:00-10:30

Surface Modified Nanoparticle Abrasives for Efficient CMP Process

Tae-Dong Kim (Hannam Univ., Korea)

[WeE1-4]

10:30-10:50

Si-Wafer Polishing Rate Enhancing Mechanism Through Accelerating Hydrolysis Reaction at Si-Wafer Surface

Pil-Su Kim, Hye-Min Lee, Min-Uk Jeon, Se-Hui Lee, Su-Bin Kim, Ji-Hye Shin (Hanyang Univ., Korea), Jin-Hyung Park (ENF Technology Co., Ltd., Korea), Kyoo-Chul Cho (Hanyang Univ., Korea), Tae-Dong Kim (Hannam Univ., Korea), Jin-Sub Park, and Jea-Gun Park (Hanyang Univ., Korea)