



7th IEEE Electron Devices Technology and Manufacturing (EDTM) Conference 2023

March 7 – 10, 2023 / COEX Seoul, Korea

5E. Advanced Manufacturing Techniques	
Session Date:	March 8(Wed.), 2023
Session Time:	10:55-12:25
Session Room:	Room E (#308 a)
Session Chair:	Dr. Tomasz Brozek (PDF Solutions)
	Dr. Shinichi Yoshida (Sony Semiconductor Solutions Co.)

[5E-1] [Invited] 10:55-11:20

Advanced Atomic Layer Deposition

Tae Joo Park

Hanyang University

[5E-2] [Invited] 11:20-11:45

Nanoimprint Lithography: Today and Tomorrow

Yukio Takabayashi¹, Mitsuru Hiura¹, Keita Sakai¹, Osamu Morimoto¹, Takehiko Iwanaga and Jin Choi²

¹Canon Inc., ²Canon Nanotechnologies Inc.

[5E-3] 11:45-12:05

Extending Resolution Limit of EUV Lithography Using RETs

Jung Sik Kim, Jinhyung Kim, Bumki Shin, Junggun Heo, Sarohan Park and Jae Wook Seo

SK hynix

[5E-4] 12:05-12:25

Fast Missing Source Contact Electrical Method Detection on Low Voltage TrenchFET

Technology

F. Cordiano, D. Sanfilippo, A. Stassi, B. Mazza, R. Perego, G. Di Martino, G. Calvagno, M. Astuto, F. Di Venere, G. Pulvirenti and D. Patti

STMicroelectronics Inc.