2023년 2월 15일(수), 16:00-17:45
Room L (다이아몬드 II, 6층)

G. Device & Process Modeling, Simulation and Reliability 분과
[WL3-G] Thin Film and Memory Devices

좌장: 나현철 상무(DB 하이텍), 홍성민 교수(GIST)

WL3-G-1 **16:00-16:15**	**On the Scalability of the Amorphous InGaZnO Field-effect Transistors Compared with Silicon-on-insulator Field-effect Transistors** Ho Jung Lee, Donguk Kim, Jong-Ho Bae, Sung-Jin Choi, Dong Myong Kim, and Dae Hwan Kim *School of Electrical Engineering, Kookmin University*
WL3-G-2 **16:15-16:30**	**Characterization of Photovoltaic and Photoconductive Responses in Amorphous Oxide Semiconductor Thin-Film Transistors** Seung Hyeop Han, Han Bin Yoo, Haesung Kim, Jihee Ryu, Ju Young Park, Jong-Ho Bae, Sung-Jin Choi, Dae Hwan Kim, and Dong Myong Kim *Kookmin University*
WL3-G-3 **16:30-16:45**	**Characterization of Lateral Trap Distribution in AOS TFTs through Capacitance-Voltage Technique Combined with Extended Channel Conduction Factor** Han Bin Yoo, Haesung Kim, Jihee Ryu, Ju Young Park, Seung Hyeop Han, Hyo-In Yang, Jong-Ho Bae, Sung-Jin Choi, Dae Hwan Kim, and Dong Myong Kim *Kookmin University*
WL3-G-4 **16:45-17:00**	**Development of In-House Device Simulator for NAND Flash Memories** Sang-Mok Jeong and Sung-Min Hong *School of Electrical Engineering and Computer Science, GIST*
WL3-G-5 **17:00-17:15**	**Retention Characteristics with Cross-Temperature Effects in 3-D NAND Flash Memory** Ukju An, Gilsang Yoon, Donghyun Go, Jounghun Park, Donghwi Kim, Jongwoo Kim, and Jeong-Soo Lee *Department of Electrical Engineering, POSTECH*
WL3-G-6 **17:15-17:30**	**Statistical Distribution of DRAM Retention Time due to Geometric Fluctuation** Geonho Park and Sung-Min Hong *School of Electrical Engineering and Computer Science, GIST*
WL3-G-7 **17:30-17:45**	**Fault-tolerant RRAM-Based Convolutional Kernel Using Hybrid Precision Quantization for Image Processing** Seonuk Jeon[1], Eunryeong Hong[2], Heebum Kang[2], Hyun Wook Kim[2], Nayeon Kim[1], and Jiyong Woo[1,2] *[1]School of Electronics Engineering, Kyungpook National University, [2]School of Electronic and Electrical Engineering, Kyungpook National University*