2022년 1월 25일(화), 16:00-17:45
Room A (에메랄드 I, 5층)

D. Thin Film Process Technology 분과
[TA3-D] Emerging Devices

좌장: 권세훈 교수(부산대학교), 전우진 교수(경희대학교)

TA3-D-1 **16:00-16:15**	**Remote Doping of Octradecylphosphonic Acid Self-Assembled Monolayer Enabling High-Performance IGZO/p-Si Heterojunction Photodetectors** Dong Hyun Lee and Hocheon Yoo *Department of Electronic Engineering, Gachon University*
TA3-D-2 **16:30-16:45**	**Li-Nb-O Family Deposited by Atomic Layer Deposition (ALD) for Artificial Synapse** Hyun Seung Choi, Hye Rim Kim, Su Yong Park, and Tae Joo Park *Department of Materials Science and Chemical Engineering, Hanyang University*
TA3-D-3 **16:45-17:00**	**Optically Programmable Multi-State Small Molecules Memory Transistors with Channel Thickness Dependent Characteristics** Seongjae Kim, Juhyung Seo, Taehyun Park, and Hocheon Yoo *Department of Electronic Engineering, Gachon University*
TA3-D-4 **17:00-17:15**	**Atomic Layer Deposited Li-Based Memristor Devices for Neuromorphic Computing** Hye Rim Kim[1], Hyun Seung Choi[1], Su Youg Park[1], Gun Hwan Kim[2], and Tae Joo Park[1] *[1]Department of Materials Science and Chemical Engineering, Hanyang University, [2]Division of Advanced Materials, KRICT*
TA3-D-5 **17:15-17:30**	**Photo-Induced Synaptic Behavior of Oxide Transistor with Dual Gate Dielectrics** Jung Wook Lim[1,2] and Min A Park[1] *[1]ETRI, [2]Department of Advanced Device Engineering, UST*
TA3-D-6 **17:30-17:45**	**Solution-processed Carbon Nanotube Network Transistors with Controlled Channel Process Conditions** Hanbin Lee, Ju Won Jeon, Yongwoo Lee, Dong Myong Kim, Dae Hwan Kim, Jong-Ho Bae, and Sung-Jin Choi *School of Electrical Engineering, Kookmin University*