2018년 2월 6일(화), 14:10-15:55
Room C (함백I, 5층)

D. Thin Film Process Technology 분과
[TC2-D] Emerging Thin Film Technology

TC2-D-1 14:10-14:40	**[초청]** **Nanoscale Surface Engineering: Atomic Scale Thin Film Process & Engineering in Advanced Nanofabrication** Woo-Hee Kim *Division of Advanced Materials Engineering, Chonbuk National University*
TC2-D-2 14:40-14:55	**Ion Cut-Based Thin Si Layer Transfer on the 8 Inch Full Device Wafer for the Monolithic 3D Integration Scheme** Hoonhee Han and Changhwan Choi *Division of Materials Science and Engineering, Hanyang University*
TC2-D-3 14:55-15:10	**Low-Power (~1.5 nJ/spike) Synaptic Events in Cold-Deposited Ti/a-TaOx/a-IGZO/Pt Heterostructures on the Flexible PET Substrate** Andrey S. Sokolov, Sohyeon Kim, Boncheol Ku, Yawar Abbas, Yu-Rim Jeon, and Changhwan Choi *Division of Materials Science and Engineering, Hanyang University*
TC2-D-4 15:10-15:25	**Efficient Photoelectrochemical Hydrogen Generation Using Molybdenum Disulfide Film on Si Photocathode via Wafer-Scale Atomic Layer Deposition** Dae Woong Kim, Dae Hyun Kim, and Tae Joo Park *Department of Materials Science and Chemical Engineering, Hanyang University*
TC2-D-5 15:25-15:40	**Improved Synaptic Behaviors of Ar Plasma-Irradiated ALD HfO_2 ReRAM** Boncheol Ku, Sohyeon Kim, Yawar Abbas, Andrey Sergeevich Sokolov, Yu-Rim Jeon, and Changhwan Choi *Division of Materials Science and Engineering, Hanyang University*
TC2-D-6 15:40-15:55	**All-Solution-Processed Flexible Dry-Bioelectrodes for Electrophysiological Sensing** Byeong-Cheol Kang and Tae-Jun Ha *Department of Electronic Materials Engineering, Kwangwoon University*