

D. Thin Film Process Technology 분과

2017년 2월 14일 (화), 08:30-10:00
Room A (에메랄드, 2층)

[TA1-D] Hybrid Oxide Thin Films

좌장: 전상훈(고려대학교), 박정훈(SK 하이닉스)

TA1-D-1 08:30-08:45	Characterization of Photo-Responsive Mechanism through Subgap Density-of-States in a-IGZO TFTs for Possible Infrared Light Detection Heesung Lee, Junyeap Kim, Jaewon Kim, Seong Kwang Kim, Sung-Jin Choi, Dae Hwan Kim, and Dong Myong Kim <i>School of Electrical Engineering, Kookmin University</i>
TA1-D-2 08:45-09:00	Improved Gas Sensing Properties of Solution-Processed Hybrid IGZO/CNT Films Jun-Young Jeon ¹ , Rawat Jaisutti ² , Ban-Suk Park ¹ , Yong-Hoon Kim ^{2,3} , and Tae-Jun Ha ¹ <i>¹Department of Electronic Materials Engineering, Kwangwoon University, ²School of Advanced Materials Science and Engineering, Sungkyunkwan University, ³SKKU Advanced Institute of Nanotechnology(SAINT), Sungkyunkwan University</i>
TA1-D-3 09:00-09:15	Atomic Layer Deposition of α-Ga₂O₃ Thin Films for Solar-Blind UV Detector Seung Hyun Lee and Sang Woon Lee <i>Department of Physics and Division of Energy Systems Research, Ajou University</i>
TA1-D-4 09:15-09:30	Hydrogen Sensor Using Pd-Decorated Al₂O₃/SrTiO₃ Heterostructure Hae Jun Jung and Sang Woon Lee <i>Department of Physics and Division of Energy Systems Research, Ajou University</i>
TA1-D-5 09:30-09:45	진공 열처리를 통한 ITO 투명 전도성 산화물 박막의 특성 향상에 대한 연구 Sejong Seong ¹ , Yong Chan Jung ¹ , Taehoon Lee ¹ , Bo Li ² , In-Sung Park ^{1,3} , and Jinho Ahn ^{1,3} <i>¹Division of Materials Science and Engineering, Hanyang University, ²Department of Convergence Nanoscience, Hanyang University, ³Institute of Nano Science and Technology, Hanyang University</i>