

The 21st Korean Conference on Semiconductors
제21회 한국반도체학술대회
February 24–26, 2014 / Hanyang University, Seoul, Korea

H. Display and Imaging Technologies 분과

[TE2-H] Display Device

Date	Feb. 25, 2014 (Tue.)
Place	Room E / 제1공학관 403호 (# 403, Engineering Building I)

Session Chair: 정재경 교수(인하대학교), 구분원 박사(삼성전자종합기술원)

- TE2-H-1 11:10-11:25 Effect of Ultra-Thin Active Layer Thickness on the Subthreshold Slope and Bipolar Bias Stress-Induced Degradation in Amorphous InGaZnO Thin-Film Transistors**
저자: Dongjae Shin, Sungwoo Jun, Kyung Min Lee, Hyeongjung Kim, Chunhyung Jo, Jaeman Jang, Jaewook Lee, Sung-jin Choi, Dong Myong Kim, and Dae Hwan Kim
소속: School of Electrical Engineering, Kookmin University
- TE2-H-2 11:25-11:40 Oxide-Based Thin-Film Transistors with Artificial Superlattice Channel Structure**
저자: Cheol Hyoun Ahn and Hyung Koun Cho
소속: School of Advanced Materials Science and Engineering, Sungkyunkwan University
- TE2-H-3 11:40-11:55 Oxygen Vacancy-Dependent Density-of-States and Its Effect on the Negative Bias Illumination Stress-Induced Degradation in Amorphous Oxide Semiconductor Thin-Film Transistors**
저자: Kyung Min Lee, Sungwoo Jun, Hyeongjung Kim, Chunhyung Jo, Jaeman Jang, Jaewook Lee, Dong Jae Shin, Jun Tae Jang, Sungju Choi, Sung-Jin Choi, Dong Myong Kim, and Dae Hwan Kim
소속: Department of Electrical Engineering, Kookmin University
- TE2-H-4 11:55-12:10 High Bright Full Color Electroluminescence Device Driven by Alternating Current (AC)**
저자: Sung Hwan Cho, Ihn Hwang, and Cheolmin Park
소속: Department of Materials Science and Engineering, Yonsei University
- TE2-H-5 12:10-12:25 Effect of the RF Power in Sputter System on Performance and Photoelectric Degradation of Amorphous Indium-Gallium-Zinc-Oxide Thin-Film Transistors**
저자: Jun Tae Jang, Kyung Min Lee, Hyeongjung Kim, Jaeman Jang, Dong Jae Shin, Sungju Choi, Jaewook Lee, Chunhyung Jo, Sungwoo Jun, Sung-Jin Choi, Dong Myong Kim, and Dae Hwan Kim
소속: Department of Electrical Engineering, Kookmin University
- TE2-H-6 12:25-12:40 Precharging of Counter Electrode in Viologen-Anchored TiO₂ Nanostructure Electrode Based Ultrafast Electrochromic Devices**
저자: Seong M. Cho, Chil Seong Ah, Tae-Youb Kim, Juhee Song, and Hojun Ryu
소속: Next Generation Display Research Department, Electronics and Telecommunications Research Institute