

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

D. Thin Film Process Technology 분과

[WE1-D] Thin-Film Transistors

Date	Feb. 26, 2014 (Wed.)
Place	Room E / 제1공학관 403호 (# 403, Engineering Building I)

Session Chair: 윤성민 교수(경희대학교), 정선호 박사(KRICT)

- WE1-D-1 10:50-11:20 Passivation Layer Effects on Oxide Semiconductor Thin Films during Thermal Annealing**
저자: Chi-Sun Hwang, Sang-Hee Ko Park, Sung-Heang Cho, Min Ki Ryu, Himchan Oh, Jong-Heon Yang, Su Jae Lee, Chunwon Byun, Jonghyurk Park, Jae-Eun Pi, Eunsuk Park, Ohsang Kwon, Hee-Ok Kim, and Jong Woo Kim
소속: Oxide TFT Research Section, Electronics and Telecommunications Research Institute
- WE1-D-2 11:20-11:35 Double-Layered Vertically Integrated Amorphous-In₂Ga₂ZnO₇ Thin-Film Transistor**
저자: Sang Ho Rha¹, Un Ki Kim², Jisim Jung², Eun Suk Hwang², Jung-Hae Choi³, and Cheol Seong Hwang²
소속: ¹Department of Nano Science and Technology, Seoul National University, ²Department of Materials Science and Engineering and Inter-university Semiconductor Research Center, Seoul National University, ³Electronic Materials Research Center, Korea Institute o
- WE1-D-3 11:35-11:50 Nonvolatile Memory Operations of In-Ga-Zn-O TFTs using Conductivity-Modified ZnO Charge-Trap Layers Prepared by Atomic-Layer Deposition**
저자: Jun-Yong Bak¹, Min-Ki Ryu², Sang-Hee Ko Park², Chi-Sun Hwang², and Sung-Min Yoon¹
소속: ¹Department of Advanced Materials Engineering for Information and Electronics, Kyung Hee University, ²Oxide TFT Research Team, Electronics and Telecommunications Research Institute
- WE1-D-4 11:50-12:05 Extraction of Interface Trap Density at Gate Dielectric and Organic Semiconductor from Photo-Conductivity of Organic Thin Film Transistors**
저자: Seung-Hyeon Jeong and Chung-Kun Song
소속: Department of Electronics Engineering, Dong-A University