

## D. Thin Film Process Technology **분과**

**Room F**  
**창의관 (B114)**

**일 시 : 2월 16일(목) 09:30-11:00**

**세션명 : [TF1-D] Thin Film Transistor**

**좌 장 : 최창환(한양대학교)**

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- TF1-D-1 09:30-10:00 **[Invited]Development of Organic Field Effect Transistors for Nonvolatile Flexible Memory**  
저자: Kang-Jun Baeg and Yong-Young Noh  
소속: Department of Chemical Engineering, Hanbat National University
- TF1-D-2 10:00-10:15 **Property Analysis of Zinc Tin Oxide Thin Film Grown by Atomic Layer Deposition Process**  
저자: Un Ki Kim, Yoon Jang Chung, Byoung Keon Park, Eric Hwang, Min Hyuk Park, Taeyong Eom, and Cheol Seong Hwang  
소속: WCU Hybrid Materials Program, Department of Materials Science and Engineering and Inter-University Semiconductor Research Center, Seoul National University
- TF1-D-3 10:15-10:30 **Amorphous Indium Gallium Zinc Oxide Thin Film Transistors on the Polyethersulfone Substrate Employing the Parylene-C**  
저자: Seongpil Chang, Jung Ho Park, Shin Woo Jeong, Tae-Yeon Oh, Jong Woo Kim, and Byeong-Kwon Ju  
소속: Department of Electrical Engineering, Korea University
- TF1-D-4 10:30-10:45 **Fabrication of Organic Thin Film Transistor using Inkjet-printed Silver Gate Electrode on Substrate with Different Temperature**  
저자: Jon-Ho Jeun<sup>1</sup>, Jung-Min Kim<sup>1</sup>, Dong-Hoon Lee<sup>1</sup>, and Yong-Sang Kim<sup>1,2</sup>  
소속: <sup>1</sup>Department of Nano Science & Engineering, Myongji University, <sup>2</sup>Department of Electrical Engineering, Myongji University

TF1-D-5 10:45-11:00 **Degradation Mechanism of Poly-Si TFT under Hot-carrier Stress and Positive Bias Stress**

저자: Jun-Suk Chang<sup>1</sup>, Tae-Young Jang<sup>1</sup>, Dong-Hyoub Kim<sup>1</sup>, Jung-woo Kim<sup>1</sup>, Musarrat Hasan<sup>1</sup>, Cuong Nguyen Manh<sup>1</sup>, Hoi-chang Yang<sup>1</sup>, Jae-Kyeong Jeong<sup>1</sup>, Bio Kim<sup>2</sup>, Jae-young Ahn<sup>2</sup>, Ki-hyun Hwang<sup>2</sup>, and Rino Choi<sup>1</sup>

소속: <sup>1</sup>Inha University, <sup>2</sup>Process Development P/J2, Semiconductor R&D Center, Samsung Electronics Co., Ltd.