

IMiD 2025

The 25th International Meeting on Information Display
August 19-22, 2025 / BEXCO, BUSAN, KOREA

Session Title:	15. Thin Film Technology
Session Date:	August 20 (Wed.), 2025
Session Time:	10:50-12:30
Session Room:	Room G (314~315)
Session Chair(s):	Dr. Seongjun Lee (Samsung Display Co., Ltd., Korea) Dr. Seung-Ho Choi (ULVAC, Korea)

[G15-1] [Invited]	10:50-11:15
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Low Temperature ALD Processes for OLED and Quantum Dot Encapsulation

J.C.S.Kools (Encapsulix, France)

[G15-2]	11:15-11:30
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Mechanical Stress Stability Improvement by Fluorine Doping in Flexible Dual-Gate IGZO TFTs

Peidong Li, Jilin Li, Yuhan Zhang (Peking Univ., China), Yushen Hu, Fion Yeung, Man Wong (HKUST, Hong Kong), Xinwei Wang, Shengdong Zhang, Yufeng Jin, and Lei Lu (Peking Univ., China)

[G15-3]	11:30-11:45
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TiN/Al Low-Resistance Gate Metallization for High-Resolution Bendable Display

Junghoon Yang, Mingu Ji, Junsu Lee, JungHo Bang, JongSeon Yoo, and Jong-Uk Bae (LG Electronics Inc., Korea)

[G15-4]	11:45-12:00
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Selective Enhancement of Carrier Mobility and Concentration through Hydrogen Plasma Doping: Low-Temperature PEALD Deposition of High Performance TCO Films

Tae-Kyung Kim, Ji-Hyun Gwoen, Hae-Dam Kim, and Jin-Seong Park (Hanyang Univ., Korea)

[G15-5]	12:00-12:15
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Improved Mobility and High Reliability Characteristics of 1:1:1 Composition IGZO Using PEALD

Haklim Koo, Seo-Yeong Kim, Sang-Hyun Kim, Tae Heon Kim, and Jin-Seong Park (Hanyang Univ., Korea)

[G15-6]	12:15-12:30
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Experiments and Simulation of Evaporation Process Conditions for 10th Generation OLED Manufacturing Applying Inductive Heating Technology

Heeyoon Lee (SVMTECH, Korea), Wanho Lee, Taeyoung Ha (Nat'l Inst. for Mathematical Sciences, Korea), Youngwoo Ahn, Yeonjun Jeong, Kisu Kim, Taehyeong Kim, Kwangseop Jeon, and Sihyun Lee (SVMTECH, Korea)