

iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	27. Scaling of TFTs for High Resolution Integration
Session Date:	August 22 (Thu.), 2024
Session Time:	11:00-12:20
Session Room:	Room C (Samda)
Chair(s):	Prof. Jin-Seong Park (Hanyang Univ., Korea)

[C27-1] [Invited] 11:00-11:25

Amplified NIR-Vis Up-Conversion based on Vertical Field Effect Phototransistor

Wei Lei, Sajid Hussain (Southeast Univ., China), and Tayeb Mohammed-Brahim (Southeast Univ., China & Univ. éRennes, France)

[C27-2] [Invited] 11:25-11:50

Towards Submicron Channel Length Oxide Semiconductor Thin-Film Transistor Backplane for Ultra-High Resolution Display

Sung Haeng Cho, Chihun Sung, and Jeho Na (ETRI, Korea)

[C27-3] 11:50-12:05

Effect of Active Layer Thickness on Contact Properties of Ultra-Thin Channel Amorphous InGaZnO Thin Film Transistor with Ti Source/Drain Electrodes

Sunyeol Bae, Jinkyu Lee, and Soo-Yeon Lee (Seoul Nat'l Univ., Korea)

[C27-4] 12:05-12:20

Accurate Sheet Resistance Extraction in Short-Channel IGZO Transistors Utilizing the Gated van der Pauw Method

Woo-Seok Lee and Jeong-Hwan Lee (Inha Univ., Korea)