

iMiD 2025

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

Session Title:	06. AI for Display Manufacturing
Session Date:	August 20 (Wed.), 2025
Session Time:	09:00-10:25
Session Room:	Room F (313)
Session Chair(s):	Prof. Injung Kim (Handong Global Univ., Korea) Ms. Hwayoun You (Samsung Display Co., Ltd., Korea)

[F06-1] [Invited]

09:00-09:25

Generative AI for Image and Video Enhancement: Case Studies

Injung Kim (Handong Global Univ., Korea)

[F06-2] [Invited]

09:25-09:55

Time Series Anomaly Detection for Robotic Arms in Display Manufacturing

Kaushik Balakrishnan, Qisen Cheng, Kasra Yazdani (Samsung Display America Lab, USA),
Hwayoun You, Yunyoung Kyung, Younggil Jin, and Jaewon Kim (Samsung Display Co., Ltd., Korea)

[F06-3]

09:55-10:10

A Study on the Numerical Analysis of Piezo Inkjet Print Head to Improve Jetting Uniformity

Si-Ung Kim and Kwan-Young Han (Dankook Univ., Korea)

[F06-4]

10:10-10:25

Machine Learning-Assisted Multi-Scale Simulation for Charge Transfer in Organic Thin Films

Tianhao Tan, Lian Duan, and Dong Wang (Tsinghua Univ., China)