

iMiD 2024

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

Session Title:	39. AI & Computational Technologies I
Session Date:	August 22 (Thu.), 2024
Session Time:	16:00-17:20
Session Room:	Room G (401)

[G39-1] [Invited] 16:00-16:25

Deep-Learning-Based Inverse Design of Colloidal Quantum Dots Using Transfer Learning and Conditional Variational Autoencoder

Jungho Kim and Deokho Jang (Kyung Hee Univ., Korea)

[G39-2] 16:25-16:40

Thermal Reflow Simulation for Display Manufacturing

Ildar Khisamitov and Juergen Preuninger (Synopsys, Germany)

[G39-3] 16:40-16:55

Rational Design of Singlet-Only Fluorescent OLEDs Using a Simulation Approach

Tobias Neumann, Artem Fediai, Timo Strunk, and Franz Symalla (Nanomatch GmbH, Germany)

[G39-4] [Invited] 16:55-17:20

OLED Material Screening with Machine Learning: Calibrate Low-Quality Data for High-Accuracy Molecular Property Predictions

Janghwan Lee, Shuhui Qu, Cheolwoo Park, and Qisen Cheng (Samsung Display Co., Ltd. America Lab., USA)