

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:	16:00-17:10
Session Room:	Room G (401)
Chair(s):	Prof. Jungho Kim (Kyung Hee Univ., Korea) Mr. Jake Lee (Samsung Display Co., Ltd. America Lab, USA)

[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

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

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

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

Digital Discovery of OLED Materials with DiaDEM

Jacopo Marcheselli, Artem Fediai, Timo Strunk, Tobias Neumann (Nanomatch GmbH, Germany), Ömer Omar, Alessandro Troisi (Univ. of Liverpool, UK), Dávid Havasi, Benjámín Kováts, and Attila Wootsch (mcule.com Kft., Hungary)

[G39-4] 16:55-17:10

Real-Time Holographic Display based on Dynamic Scene Reconstruction and Rendering

Juan Liu, Shijie Zhang, and Qiukun Liao (Beijing Inst. of Tech., China)