

IMiD 2024

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

Session Title:	47. AI & Computational Technologies II
Session Date:	August 23 (Fri.), 2024
Session Time:	09:00-10:20
Session Room:	Room G (401)
Chair(s):	Dr. Hyun Sung Park (Samsung Display Co., Ltd., Korea) Mr. Hiroya Nitta (JSOL, Japan)

[G47-1] [Invited] 09:00-09:25

Charge Transport and Exciton Dynamics in TADF OLEDs Assessed by Measured and Simulated Modulated Electroluminescence Spectroscopy

Balthasar Blülle, Sandra Jenatsch, Hamilton Carillo-Nunez, Simon Züfle (Fluxim AG, Switzerland), and Beat Ruhstaller (Fluxim AG & ZHAW Zurich Univ. of Applied Sciences, Switzerland)

[G47-2] 09:25-09:40

4K Computer Generated Hologram Using Encoding-Decoding CNN Model

Shariar Md Imtiaz, F.M. Fahmid Hossain, Nyamsuren Darkhanbaatar, Erkhembaatar Dashdavaa, Tuvshinjargal Amgalan, Ki-Chul Kwon (Chungbuk Nat'l Univ., Korea), Seok-Hee Jeon (Incheon Nat'l Univ., Korea), and Nam Kim (Chungbuk Nat'l Univ., Korea)

[G47-3] 09:40-09:55

First Principle Calculation for OLED Device Performance Prediction

Hanjin Park, Han Wool Park, Bumjong Park, Han-Seung Yang, Yoon Ji Choi, Jong Seuk Kang, Dong Shin Choi, Sung Ki Kim, Seok Woo Lee, Joon Young Yang, and Soo Young Yoon (LG Display Co., Ltd., Korea)

[G47-4] [Invited] 09:55-10:20

Molecular Simulation for OLED Materials

Hiroya Nitta, Teppei Fukuya, and Taku Ozawa (JSOL Corp., Japan)