

IMiD 2024

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

Session Title:	66. OLED Devices III : Comprehensive Analysis on Devices
Session Date:	August 23 (Fri.), 2024
Session Time:	14:50-16:10
Session Room:	Room B (Halla B)
Chair(s):	Prof. Wan Pyo Hong (Gachon Univ., Korea) Dr. Yong-Jin Pu (RIKEN, Japan)

[B66-1] [Invited] 14:50-15:15

Probing OLED Degradation Mechanism with Direct- and Inverse-Photoelectron Spectroscopy: Insights into Host-Dopant Systems and Deuterium Isotope Effects

Yeonjin Yi, Kiwoong Kim (Yonsei Univ., Korea), Soohyung Park (KIST, Korea), Jun Yeob Lee (Sungkyunkwan Univ., Korea), and Hyunbok Lee (Kangwon Nat'l Univ., Korea)

[B66-2] [Invited] 15:15-15:40

Key Requirements for Blue Hyperfluorescent Organic Light-Emitting Diode

Sungho Nam, Ji Whan Kim, Hye Jin Bae, Yusuke Makida Maruyama, Daun Jeong, Joonghyuk Kim, Jong Soo Kim, Soo-Ghang Ihn, and Hyeonho Choi (Samsung Advanced Inst. of Tech., Korea)

[B66-3] 15:40-15:55

Enhancing First Frame Ratio in OLED Displays through Dual-Prime Layer

Eun-Hyung Lee, Yong-Cheol Kim, Moon-Sung Kil, Yu-Ri Park, So-Hee Lee, Hyun-Sook Jeon, Mi-Na Kim, Kyu-Il Han, Ji-Ho Baek, Kwon-Shik Park, and Soo-Young Yoon (LG Display Co., Ltd., Korea)

[B66-4] 15:55-16:10

Enhancement of the Electro-Optical Performance and the Lifetime of Blue Emitting OLEDs by Controlling Molecular Orientation Using Low Substrate Temperature

Chang-Hee Lee (Dong-A Univ., Korea), Shin-Han Kim (Yonsei Univ., Korea), Jeong-Hwan Lee (Inha Univ., Korea), Yeonjin Yi (Yonsei Univ., Korea), and Gi-Dong Lee (Dong-A Univ., Korea)