

iMiD 2024

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

Session Title:	42. OLED Materials II : Advances in Blue Emitting Materials
Session Date:	August 23 (Fri.), 2024
Session Time:	09:00-10:10
Session Room:	Room B (Halla B)
Chair(s):	Prof. Jonghee Lee (Hanbat Nat'l Univ., Korea) Prof. Andrew Monkman (Univ. of Durham, UK)

[B42-1] 09:00-09:15

Key Requirements of Sensitizer for Efficient Phosphor-Sensitized Fluorescence: Energetic Landscape Generated by Sensitizer and Emitting Dopant

Dong Jin Shin, Junseop Lim (Sungkyunkwan Univ., Korea), Jae-Min Kim (Chung-Ang Univ., Korea), and Jun Yeob Lee (Sungkyunkwan Univ., Korea)

[B42-2] 09:15-09:30

Regioisomeric High Triplet Host Materials Enable Exceptional Lifetime For Blue Phosphorescent Organic Light-Emitting Diodes

Subramanian Muruganatham, Young Hun Jung, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

[B42-3] 09:30-09:45

Blue Thermally Activated Delayed Fluorescence Excimers with High External Quantum Efficiency and Enhanced Horizontal Emitting Dipole Orientation

Junseop Lim (Sungkyunkwan Univ., Korea), Kwangmo Yang (Seoul Nat'l Univ., Korea), Vilas Venunath Patil (Sungkyunkwan Univ., Korea), Jaesang Lee (Seoul Nat'l Univ., Korea), and Jun Yeob Lee (Sungkyunkwan Univ., Korea)

[B42-4] [Invited] 09:45-10:10

High-Efficiency Organic Light-Emitting Materials with Narrowband Emission

Zhuang Cheng and Ping Lu (Jilin Univ., China)