

IMiD 2024

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

Session Title:	34. OLED Materials I : Advances in Emitting Materials
Session Date:	August 22 (Thu.), 2024
Session Time:	16:00-17:30
Session Room:	Room B (Halla B)

[B34-1] [Invited] 16:00-16:25

Host Engineering for Efficient Cluster Light-Emitting Diodes

Hui Xu, Ying Li, and Nan Zhang (Heilongjiang Univ., China)

[B34-2] 16:25-16:40

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)

[B34-3] [Invited] 16:40-17:05

Efficient Blue Delayed Fluorescence Molecules with Ultrafast Bipolar Charge Transport for Simplified Non-Doped Thick-layer Organic Light-Emitting Diodes

Yan Fu, Hao Liu (South China Univ., China), Ben Zhong Tang (The Chinese Univ. of Hong Kong, China), and Zujin Zhao (South China Univ., China)

[B34-4] [Invited] 17:05-17:30

Deuteration of OLED Materials: Performance, Scalability, Sustainability

Lara-Isabel Rodríguez, Elvira Montenegro, Stephanie Ganss, Marcel Bürger, Camille Correia, Aaron Lackner, Sebastian Stolz, Jonas Kröber, Anna Hayer, Jens Engelhart, Rouven Linge (Merck Electronics KGaA, Germany), Won-Kyung Na, and Su-Hwan Na (Merck Performance Materials Ltd., Korea)