

# IMiD 2024

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

<b>Session Title:</b>	<b>34. OLED Materials I : Advances in Emitting Materials</b>
<b>Session Date:</b>	August 22 (Thu.), 2024
<b>Session Time:</b>	16:00-17:40
<b>Session Room:</b>	Room B (Halla B)
<b>Chair(s):</b>	Dr. Mike Weaver (UDC, USA) Prof. Jianxin Tang (Macau Univ. of Science and Tech., Macau)

[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] [Invited] 16:25-16:50

## Polaritonic OLEDs with Assistant Strong-Coupling Layers: A New Approach to Sub-20nm Emission Linewidth in OLED Displays

Andreas Mischok, Sabina Hillebrandt, Julia Witt, Seonil Kwon (Univ. of Cologne, Germany), and Malte C. Gather (Univ. of Cologne, Germany & Univ. of St Andrew, UK)

[B34-3] [Invited] 16:50-17:15

## 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] 17:15-17:40

## 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)