

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

Session Title:	52. OLED Materials IV
Session Date:	August 25 (Fri.), 2023
Session Time:	10:40-12:10
Session Room:	Room D (217~218)
Session Chair(s):	Prof. Shaolong Gong (Wuhan Univ., China)

[D52-1] [Invited] 10:40-11:05

Beyond Single Material Performance: Shaping the Emissive Layer by Tailored Hosts for Green Phosphorescent OLEDs

Anna Hayer, Christian Eickhoff, Stephanie Ganss, Falk May, Martin Kraska, Jonas Kroeber, Amir Parham, Sebastian Stolz, and Joachim Kaiser (Merck KGaH, Germany)

[D52-2] 11:05-11:20

Advances in Solution-Processed OLEDs with Boron-Based Emissive Units and Impact of Charge Balance on Efficiency Roll-off

Bonghoon Cha, Seungju Ok, Thi Na Le (Kyung Hee Univ., Korea), Yunhi Kim (Gyeongsang Nat'l Univ., Korea), and Minchul Suh (Kyung Hee Univ., Korea)

[D52-3] [Invited] 11:20-11:45

High-Performance Ultraviolet and Deep-Blue Organic Light-Emitting Diode Enabled by Long-Short Axis Strategy

Baoxi Li, Xin He, Han Zhang, and Zhiming Wang (South China Univ. of Tech., China)

[D52-4] [Invited] 11:45-12:10

Probing the Orientation of Individual Emitter Molecules for Higher OLED Efficiency

Francisco Tenopala-Carmona, Dirk Hertel, Sabina Hillebrandt, Andreas Mischok (Univ. of Cologne, Germany), Arko Graf (Univ. of St Andrews, UK), Klaus Meerholz, and Malte C. Gather (Univ. of Cologne, Germany)