Session Title:	34. OLED Future Materials II
Session Date:	August 21 (Thu.), 2025
Session Time:	16:00-18:00
Session Room:	Room B (214~216)
Session Chair(s):	Prof. Hirohiko Fukagawa (Chiba Univ., Japan) Prof. Taekyung Kim (Kyung Hee Univ., Korea)

[B34-1] [Featured Invited] 16:00-16:30

Iridium(III) Carbene Complexes for Blue Organic Light Emitting Diodes

Yun Chi (City Univ. of Hong Kong, Hong Kong)

[B34-2] [Invited] 16:30-16:55

Design and Synthesis of Phosphorescent Platinum(II) and Gold(III) complexes and Their Application in Optoelectronics

Si-jie Li, Maggie Ng, Season Si Chen, and Man-Chung Tang (Tsinghua Univ., China)

[B34-3] [Invited] 16:55-17:20

Next Generation Green-Emission OLED Technology with pTSF Using Multiple-Resonance Materials

Xudong Cao, Kai Xu (Jiangsu Sunera Tech. Co., Ltd., China), Lian Duan (Tsinghua Univ., China), and Chong Li (Jiangsu Sunera Tech. Co., Ltd., China)

[B34-4] 17:20-17:35

Achieving a Rapid Reverse Intersystem Crossing Rate Exceeding 10^7 s-1 by a High-Lying Triplet with Distinct Charge-Transfer Nature from Singlet

Hai Zhang, Dongdong Zhang, and Lian Duan (Tsinghua Univ., China)

[B34-5] [Invited] 17:35-18:00

Material Combination Matters: The Next Dimension of Enhancing OLED Performance

Christian Eickhoff, Martin Kraska, Natalie Tober, Jens Engelhart, Alexander Schubert, Falk May, Sebastian Stolz, Philipp Schütz (Merck Electronics KGaA, Germany), and Su-Hwan Na (Merck Performance Materials Ltd., Korea)