

iMiD 2020

The 20th International Meeting on Information Display
August 25 - 28, 2020 / Online Conference

Topic Title:

02. Special Session II: AI for Display

Session Title:

04. Advanced Materials for High Performance Display 1

[TBA] [Invited]

Advanced OLED Materials Design by De Novo Machine Learning Enabled by Atomic Scale Simulation

Mathew David Halls (Schrodinger Inc., USA)

[04_02_1775] [Invited]

Multiscale Simulations for OLED Material Development

Falk May, Charlotte Walter, Jochen Pfister, Jonas Kroeber, Armin Auch, and Philipp Stoessel (Merck KGaA, Germany)

[04_02_1236]

Towards a More Efficient and Durable Phosphorescence Device: A Molecular Design for a Blue Emitter Using Machine Learning

Dahye Cho, Sohae Kim, Sunwoo Kang, Eunkyung Koh, Iljoon Kang, Sun Mi Choi, Hoilim Kim, Sang Ho Jeon, Young Mi Cho, and Yongjo Kim (Samsung Display Co., Ltd., Korea)

[04_02_1462]

Predictions of Liquid Properties based on Molecular Simulations and Machine Learning

Hyuntae Lim, Gyehyun Park, Raejoon Kang, and YounJoon Jung (Seoul Nat'l Univ., Korea)