

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:

05. Advanced Materials for High Performance Display 2

[TBA] [Invited]

Mechanistic Kinetic Monte Carlo OLED Modeling based on Experimentally Validated Excitonic Interaction Parameters

Reinder Coehoorn (Eindhoven Univ. of Tech., The Netherlands)

[05_02_1746] [Invited]

Defects in Oxide Semiconductors and Their Impact on Performance of Transistors for Display

Youngho Kang (Incheon Nat'l Univ., Korea)

[05_02_1523]

Constrained Generative Adversarial Networks for Realistic Metamaterial Simulations

Arthur Baucour, Myungjoon Kim, Gun Park, Seungbum Hong, and Jonghwa Shin (KAIST, Korea)

[05_02_1242]

Experimental and Theoretical Comparison of InP-Based Quantum Dot Absorption Spectra Applying the Pseudo-Voigt Function

Deokho Jang, Jungho Kim (Kyung Hee Univ., Korea), Younho Han, Seungin Baek, Baek-Hee Lee, and Jun Woo Lee (Samsung Display Co., Ltd., Korea)

[05_02_1299]

Accurate Prediction of Luminescence Spectra of Realistic-Size Quantum Dots by Combining First-Principles and Machine Learning Methods

Sungwoo Kang (Seoul Nat'l Univ., Korea), Yongwook Kim, Eunjoo Jang (Samsung Advanced Inst. of Tech., Korea), Youngho Kang (Incheon Nat'l Univ., Korea), and Seungwu Han (Seoul Nat'l Univ., Korea)