

iMiD 2021

The 21st International Meeting on Information Display
August 25-27, 2021 / COEX, Seoul, Korea

Session Title:	[FA4] Oral 31. OLED Device Physics
Session Date:	August 27 (Friday), 2021
Session Time:	16:00-17:10
Session Room:	Room A (101+102)
Session Chair(s):	Jeong-Hwan Lee (Inha Univ., Korea) Taekyung Kim (Hongik Univ., Korea)

[FA4-1] [Invited] **Off-line / 16:00-16:25**

The Role of Emitters and Host Molecules in Organic LEDs

Jeong-Hwan Lee (Inha Univ., Korea)

[FA4-2] **Off-line / 16:25-16:40**

Efficiency Enhancement of Top-Emitting Organic Light Emitting Diode by Multiple Capping Layer

Jin Young Kim, Han-Un Park, Seong Keun Kim, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

[FA4-3] **Off-line / 16:40-16:55**

Accurate Optical Simulation Method for Tandem Organic Light-Emitting Diodes

Seong Keun Kim, Han-un Park, and Jang Hyuk Kwon (Kyung Hee Univ., Korea)

[FA4-4] **Off-line / 16:55-17:10**

A Study on the Stability Improvement of Solution Processed Organic Light Emitting Diodes (OLEDs) Device through Control of Electron Mobility

Eun Young Park (Kyung Hee Univ., Korea), Jae-Ho Jang, Do-Hoon Hwang (Pusan Nat'l Univ., Korea), and Min Chul Suh (Kyung Hee Univ., Korea)

[FA4-5] [Invited] **On-line (Pre-recorded) / On-demand**

Predicting the Effects of Degradation on the Efficiency and Lifetime of OLEDs

Siebe van Mensfoort, Stefano Gottardi, Arthur Vauzelle, Christoph Hauenstein, Engin Torun, Ruud Gijzen (Simbeyond B.V., The Netherlands), Peter Bobbert, Reinder Coehoorn (Eindhoven Univ. of Tech., The Netherlands), and Harm van Eersel (Simbeyond B.V., The Netherlands)

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[FA4-6]

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Advanced Characterization and Device Simulation towards Better Understanding of OLED Degradation Mechanisms

Markus Regnat (ZHAW, Switzerland), Sandra Jenatsch (Fluxim AG, Switzerland), Simon Züfle, Kurt P. Pernstich, and Beat Ruhstaller (ZHAW, Switzerland)

[FA4-7] [Invited]

On-line (Pre-recorded) / On-demand

Controlling Spontaneous Orientational Polarization in OLEDs and Its Impact on Their Efficiency and Lifetime

Noel Giebink (Pennsylvania State Univ., USA)