

Session Title:	27. OLED Device 2
Session Date:	August 25 (Thu.), 2022
Session Time:	11:00-12:20
Session Room:	Room C (217)
Session Chair(s):	Dr. Joong-Hwan Yang (LG Display Co., Ltd., Korea) Prof. Tekyung Kim (Hongik Univ., Korea)

[C27-1] [Invited] 11:00-11:25

Fast Understanding of Charge Dynamics in Organic Light-Emitting Diodes Using Novel Fingerprint and Convolutional Neural Network

Jae-Min Kim, Junseop Lim, Jun Yeob Lee (Sungkyunkwan Univ., Korea)

[C27-2] [Invited] 11:25-11:50

Bridging the Scales: Towards Parameter-Free Computer-Aided OLED Design from Molecule to Device

Siebe van Mensfoort, Arthur Vauzelle, Engin Torun, Stefano Gottardi, and Harm van Eersel (Simbeyond B.V, The Netherlands)

[C27-3] 11:50-12:05

Controlling Doping Efficiency in Organic Thin-Film

Paul Winget, Hadi Abroshan, H. Shaun Kwak, Christopher T. Brown, David J. Giesen, and Mathew D. Halls (Schrödinger, Inc, USA)

[C27-4] 12:05-12:20

Accelerated Lifetime Testing and Degradation Mechanisms of Three Organic Light-Emitting Diode Generations

Stefano Sem, Sandra Jenatsch, Simon Züfle, Arno Gadola (Fluxim AG, Switzerland), Dinara Samigullina (IAPP, Germany), Daniel Hudson (Merck KGaA, Germany), Sebastian Reineke (IAPP, Germany), Christoph Pflumm (Merck KGaA, Germany), and Beat Ruhstaller (Fluxim AG, Switzerland)