

IMiD 2022

The 22nd International Meeting on Information Display
August 23-26, 2022 / BEXCO, BUSAN, KOREA

Session Title:	17. Device Physics
Session Date:	August 25 (Thu.), 2022
Session Time:	09:00-10:45
Session Room:	Room A (211~213)
Session Chair(s):	Dr. Hyunguk Cho (Samsung Display Co., Ltd., Korea)

[A17-1] [Invited] **09:00-09:25**

Scaling Quantum Circuit Simulation Using Storage Devices

Jaejin Lee (Seoul Nat'l Univ., Korea)

[A17-2] [Invited] **09:25-09:50**

Improving OLED Performance via Microscopic Simulation of Exciton Dynamics

Tobias Neumann, Artem Fediai, Timo Strunk, and Franz Symalla (Nanomatch GmbH, Germany)

[A17-3] [Invited] **09:50-10:15**

Device Physics of OLEDs and Perovskite LEDs: An Update about Model Parameter Determination and Photon Recycling

S. Jenatsch, S. Sem, C. Vael, S. Zeder, U. Aeberhard, S. Züfle, B. Blülle, M. Regnat, K. Pernstich, and B. Ruhstaller (Fluxim AG, Switzerland)

[A17-4] [Featured Invited] **10:15-10:45**

Experimentally Validated Simulation Study of Exciton Stability in Organic Semiconductors Used in OLEDs

R. Coehoorn, E. de Jong, C.H.L. Weijtens (Eindhoven Univ. of Tech., The Netherlands), C. Hauenstein (Simbeyond B.V., The Netherlands), N. de Rooij, P.A. Bobbert (Eindhoven Univ. of Tech., The Netherlands), S. Gottardi, and H. van Eersel (Simbeyond B.V., The Netherlands)