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

Session Title:	[FB3] Oral 29. Recent Advance in QDs: from Materials to Devices
Session Date:	August 27 (Friday), 2021
Session Time:	14:00-14:55
Session Room:	Room B (103)
Session Chair(s):	Jeongkyun Roh (Pusan Nat'l Univ., Korea) Jaehoon Lim (Sungkyunkwan Univ., Korea)

[FB3-1] [Featured Invited] On-line (Live Streaming) / 14:00-14:30

Quantum Dots :Photo-luminance and Electro-luminance Materials for Display Manufacturing

Joon-Hyung Kim (Samsung Display Co., Ltd., Korea)

[FB3-2] [Invited] Off-line / 14:30-14:55

Environmentally Friendly Quantum Dot Light-Emitting Diodes

Hyosook Jang and Eunjoo Jang (Samsung Electronics Co., Ltd., Korea)

[FB3-3] On-line (Pre-recorded) / On-demand

Large Size Colloidal InAs QD Synthesis: Unraveling the Origin of Growth Limitation of Nanoparticles

Taewan Kim, Seongmin Park, and Sohee Jeong (Sungkyunkwan Univ., Korea)

[FB3-4] On-line (Pre-recorded) / On-demand

Colloidal Quantum Well Heterostructures with Widely Tunable Emission for Application in Light-Emitting Diodes

Da-Eun Yoon and Doh Chang Lee (KAIST, Korea)

[FB3-5] [Invited] On-line (Pre-recorded) / On-demand

TBA

Lei Qian (Chinese Academy of Science, China)

[FB3-6] [Invited] On-line (Pre-recorded) / On-demand

InP QDs with Enhanced Blue Light Absorption for Color Filter

Armin Wedel, Yohan Kim, André Gessner, Hyung Seok Choi, Jiyong Kim (Fraunhofer Inst. for Applied Polymer Research, Germany), Chul Jong Han, Min Suk Oh, and Byungwook Yoo (KETI, Korea)

[FB3-7] On-line (Pre-recorded) / On-demand

Advances in the Photostability of RoHS-Compliant QDs for On-Chip Down-Conversion: A Path forward for QD-MicroLED Displays

Igor Nakonechnyi, Valeriia Grigel, Rafael Prato, Adelaide Araujo, Bruno Janssens, Kim De Nolf, and Willem Walravens (QustomDot BV, Belgium)

[FB3-8] On-line (Pre-recorded) / On-demand

Quantum Nanorods Embedded into Hole Transport Material for Solution Processed Light-Emitting Diodes with Low Turn-On Voltage

Mikita M. Marus, Maksym F. Prodanov, Kumar Mallem, Valerii V. Vashchenko, and Abhishek K. Srivastava (Hong Kong Univ. of Science and Tech., Hong Kong)

[FB3-9] On-line (Pre-recorded) / On-demand

Optical Anisotropy in Cadmium-Free Colloidal Branched Nano-Heterostructures

Sungjun Koh and Doh C. Lee (KAIST, Korea)