

iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	17. Emerging QD Technologies
Session Date:	August 22 (Thu.), 2024
Session Time:	09:00-10:20
Session Room:	Room A (Halla A)
Chair(s):	Prof. Moon Kee Choi (UNIST, Korea) Dr. Taesoo Lee (Seoul Nat'l Univ., Korea)

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

Electronic Transport Control of Core-Shell Colloidal Quantum Dot Assemblies

Satria Zulkarnaen Bisri (Tokyo Univ. of Agriculture and Tech., Japan)

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

Stabilization of Perovskite Nanocrystal Quantum Dots for Advanced Display Technologies: from Photoluminescence to Encapsulation

Rong Chen, Kun Cao, Qing Xu, Di Wen, and Bin Shan (Huazhong Univ. of Science and Tech., China)

[A17-3] 09:50-10:05

Assessing Light Conversion Efficiency in Quantum Dot Down-Conversion Films

Markus Regnat (Fluxim AG, Switzerland), Kurt P. Pernstich (Zurich Univ. of Applied Science, Switzerland), Balthasar Blülle, Sandra Jenatsch, Moonkang Heo (Fluxim AG, Switzerland), Kwon Ok, Sean Ahn (InnoQD & Construction Co., Ltd., Korea), and Beat Ruhstaller (Fluxim AG & Zurich Univ. of Applied Science, Switzerland)

[A17-4] 10:05-10:20

Aligned Quantum Rods as Emitter for Polarized Light Sources

Soeren Becker, Tobias Jochum, and Jan S. Niehaus (Fraunhofer CAN, Germany)