

Session Title:	57. Recent QD Applications
Session Date:	August 26 (Fri.), 2022
Session Time:	16:00-17:20
Session Room:	Room A (211~213)
Session Chair(s):	Prof. Jeongkyun Roh (Pusan Nat'l Univ., Korea) Prof. Kunsik An (Konkuk Univ., Korea)

[A57-1] [Invited]

16:00-16:25

Colloidal Quantum Dot Image Sensor Technology

J. S. Steckel, J. Arnaud (STMicroelectronics, Grenoble, France), A. G. Pattantyus-Abraham (STMicroelectronics, Fremont, USA), E. Josse, M. Bidaud (STMicroelectronics, Grenoble, France), M. Sarmiento (STMicroelectronics, Fremont, USA), H. Wehbe-Alause, K. Rochereau (STMicroelectronics, Grenoble, France)

[A57-2] [Invited]

16:25-16:50

Cu Doped InP/ZnS Quantum Dots: Synthesis, Characterization, and Application in Photocatalysts

Jiwon Bang (Wonkwang Univ., Korea)

[A57-3]

16:50-17:05

Quantum Dot Light-Emitting Diode Display with Inkjet-Printed Emitting Layers Composed of Cd-free Quantum Dots and Organic Electron-transporting Materials

Yukiko Iwasaki, Genichi Motomura, Tatsuya Takei, Takenobu Usui, and Toshimitsu Tsuzuki (NHK STRL, Japan)

[A57-4]

17:05-17:20

Interplay Between Traps and Carriers in Quantum Dot Light-Emitting Diodes: Applied Machine Learning

Suhyeon Lee (Seoul Nat'l Univ., Korea), Kookjin Lee, Gyu-Tae Kim (Korea Univ., Korea), and Jeonghun Kwak (Seoul Nat'l Univ., Korea)