
Session Title: 44. Quantum Dots for Future Displays II

Date: Aug. 25, 2016 (Thursday)

Time: 10:30~12:15

Room Room D (Samda B)

Session Chairs Prof. Doh Chang Lee (KAIST, Korea)

Dr. Wan Ki Bae (KIST, Korea)

D44-1

10:30~10:55

[Invited] Interface Chemistry of Colloidal Quantum Dots for Display Applications

Weon-kyu Koh (Samsung Advanced Inst. of Tech., Korea)

D44-2

10:55~11:20

[Invited] Surface Functionalization of Colloidal Quantum-Dot Nanocrystals with Inorganic ligands for Electronic Device Application

Jaeyoung Jang (Hanyang Univ., Korea)

D44-3

11:20~11:45

[Invited] Quantum Dot Clay Composites for Display Applications

Sanghwa Jeong (POSTECH, Korea), Seungho Cho (Univ. of Cambridge, U.K.), and Sungjee Kim (POSTECH, Korea)

D44-4

11:45~12:00

Inkjet-Printed Quantum Dot Light-Emitting Diodes for Full Color Displays

Donghyun Ko, Jongseok Han, Jeongkyun Roh, Yeseul Park, and Changhee Lee (Seoul Nat'l Univ., Korea)

D44-5

12:00~12:15

Transparent Quantum Dot Light Emitting Diodes with Various Inorganic Electron Transport Layer and Oxide Top Electrode

Min Suk Oh, Hee Yeon Kim, Yu Jin Park (KETI, Korea), Yohan Kim (Fraunhofer Inst. for Applied Polymer Research, Germany), Jiwan Kim (Kyonggi Univ., Korea), Chul Jong Han (KETI, Korea), Armin Wedel (Fraunhofer Inst. for Applied Polymer Research, Germany), and Heesun Yang (Hongik Univ., Korea)