

Oral Presentation

[MEET2]EL Quantum Dots Technologies

Special Topics of Interest on Quantum Dot Technologies

Chair: Frank Yan (Fuzhou University)

Co-Chair: Jang Hyuk Kwon (Kyung Hee University)

Thu. Nov 28, 2019 5:20 PM - 6:40 PM Conference Hall (1F)

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[MEET2-4(Invited)]Efficient and Stable Light Emitting Diodes Based on Luminescent Nanocrystals

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Keywords: Perovskite, Quantum dot, Light emitting diode, Stability

Efficiencies of electroluminescence perovskite LEDs were enhanced significantly by lowering surface defects and balancing charge injection. Moreover, optical and thermal stabilities of photoluminescence quantum dot LEDs and perovskite LEDs were also improved greatly by introducing the Quantum Dot Luminescent Micro-Sphere (QLuMiS) technology.