

**Topic Title:**

**16. Quantum Dots**

**Session Title:**

**04. Electroluminescence of Quantum Dots II**

**[04\_16\_1481] [Invited]**

**High-Resolution Patterning of Colloidal Quantum Dots via Light-Driven Ligand Crosslinking**

Moon Sung Kang (Sogang Univ., Korea)

**[04\_16\_1600]**

**Thermodynamic-Driven Polychromatic Quantum Dot Printing for Light-Emitting Diodes**

Tae Won Nam, Moohyun Kim (KAIST, Korea), Yanming Wang (MIT, USA), Geon Yeong Kim, Wonseok Choi, Hunhee Lim, Kyeong Min Song, Min-Jae Choi, Duk Young Jeon (KAIST, Korea), Jeffrey C. Grossman (MIT, USA), and Yeon Sik Jung (KAIST, Korea)

**[04\_16\_1498] [Invited]**

**Microcavity Structure for Highly Efficient Cadmium-Free Quantum Dot Light-Emitting Diodes**

Jaehoon Kim, Jaehong Park, Jingoo Kang, Jaekook Ha, and Changhee Lee (Samsung Display Co., Ltd., Korea)

**[04\_16\_1531]**

**Enhanced Performance of Quantum Dot Based Light-Emitting Diodes by Controlling Charge Confinement Property**

Seunghyun Rhee, Jun Kyuk Chang, and Wan Ki Bae (Sungkyunkwan Univ., Korea)

**[04\_16\_1208]**

**Improvement of Efficiency of Green InP Quantum Dot Light-Emitting Diodes by Employing Suitable Electron-Transporting Materials**

Yukiko Iwasaki, Genichi Motomura, Kei Ogura, and Toshimitsu Tsuzuki (NHK STRL, Japan)