Session Title: [TB1] Oral 11. Young Leaders Conference 1: Material, Process, and

**Device for the Emerging Display Technology** 

Session Date: August 26 (Thursday), 2021

Session Time: 09:00-10:00

Session Room: Room B (103)

Session Chair(s): Sooyoung Kim (Korea Univ., Korea)

[TB1-1] Off-line / 09:00-09:15

**Direct Optical Patterning of Quantum Dot Light-Emitting Diodes** 

Himchan Cho (KAIST, Korea)

[TB1-2] Off-line / 09:15-09:30

Timed Control of Tunable White LED for Creating a Supportive Learning Environment

Kyungah Choi (Sungshin Women's Univ., Korea)

[TB1-3] On-line (Pre-recorded) / On-demand

From Light Responsive Liquid Crystalline Polymers to Remote Controllable Smart Materials

Dae-Yoon Kim (KIST, Korea)

[TB1-4] On-line (Pre-recorded) / On-demand

Liquid Crystal Smart Glasses for Higher Color Contrast and Reduced Glare

Seungwon Oh (Kangwon Nat'l Univ., Korea)

[TB1-5] Off-line / 09:30-09:45

Requirements for High-Resolution Stretchable Displays

Haeyoon Jung (LG Display Co., Ltd., Korea)

[TB1-6] On-line (Pre-recorded) / 09:30-09:45

Dynamic Designer Phase-Change Metafilm for Versatile Visible Light Modulation

Sun-Je Kim (Myongji Univ., Korea)



[TB1-7]

On-line (Pre-recorded) / On-demand

Surface Modification of Graphene Quantum Dots for Optoelectronic Applications

Minsu Park (KAIST, Korea)

[TB1-8]

On-line (Pre-recorded) / On-demand

Novel Technology for Blue OLED Based Display

Jiahui Tan (Chinese Academy of Sciences, China)

[TB1-9]

On-line (Pre-recorded) / On-demand

Highly Efficient Electronic Chip Cooling Device based on Polymer Film

Rujun Ma (Nankai Univ., China)

[TB1-10]

On-line (Pre-recorded) / On-demand

Interactive Artificial Sensory Synapse Based on Neuromorphic Transistors

Jinran Yu (Chinese Academy of Sciences, China)