Session Title: 16. Novel Processes for Stretchable Electronic

Date: Aug. 29, 2017 (Tuesday)

Time: 11:00-12:20

Room H (Room 109-110)

Session Chairs Prof. Jungho Jin (Univ. of Ulsan, Korea)

[H16-1] 11:00-11:25

[Invited] Optoelectronics Using Quantum-Dots for Transparent and Soft Interactive Devices

Seong Jun Kang (Kyung Hee Univ., Korea)

[H16-2] 11:25-11:50

[Invited] A Microfluidic Approach for Stretchable Electronics

Zhigang Wu (Huazhong Univ. of Sci. and Tech., China)

[H16-3] 11:50-12:05

Effect of Inorganic Passivation Layer for Stretchable Display based on Low Temperature Polycrystalline Silicon Thin Film Transistor

Jae Min Shin, Sangwoo Kim, Jong-Ho Hong, Hyejin Joo, Gun Mo Kim, Gyung Soon Park, In Bom Hwang, Min Woo Kim, Won-Sang Park, Hye Yong Chu, and Sungchul Kim (Samsung Display Co., Ltd., Korea)

[H16-4] 12:05-12:20

Highly Effective Medical Care Using Attachable Flexible Organic Light-Emitting Diodes

Yongmin Jeon (KAIST, Korea), Hye-Ryung Choi (Seoul Nat'l Univ. Bundang Hospital, Korea), Myungsub Lim, Seungyeop Choi, Hyuncheol Kim, Jung Hyun Kwon (KAIST, Korea), Kyoung-Chan Park (Seoul Nat'l Univ. Bundang Hospital, Korea), and Kyung Cheol Choi (KAIST,