



2019년 2월 15일(금), 11:00-12:45

Room D (스타홀, 2층)

**[FD2-J] Organic Optoelectronic Devices**

좌장: 김수영 교수(중앙대학교), 이태우 교수(서울대학교)

<b>FD2-J-1</b> <b>11:00-11:15</b>	<b>Bright Inorganic Lead-Free Perovskite Light-Emitting Diodes Using SnF<sub>2</sub>-Small Molecule Complex</b> Jung-Min Heo <sup>1,2</sup> , Min-Ho Park <sup>1,2</sup> , Joo Sung Kim <sup>1,2</sup> , Hobeom Kim <sup>1,2</sup> , and Tae-Woo Lee <sup>1,2,3</sup> <sup>1</sup> Department of Materials Science and Engineering, Seoul National University, <sup>2</sup> BK21 PLUS SNU Materials Division for Educating Creative Global Leaders, Seoul National University, <sup>3</sup> Research Institute of Advanced Materials, Seoul National University
<b>FD2-J-2</b> <b>11:15-11:45</b>	<b>[초청]</b> <b>Organic Optoelectronic Devices for Wearable Health-Signal Monitoring</b> Seunghyup Yoo and Hyeonwoo Lee KAIST
<b>FD2-J-3</b> <b>11:45-12:00</b>	<b>Surface-Tuned Encapsulation Layers for Soft, Transient Electronics</b> Jin Mook Chung, Gwan-Jin Ko, and Suk-Won Hwang KU-KIST Graduate School of Converging Science and Technology, Korea University
<b>FD2-J-4</b> <b>12:00-12:15</b>	<b>Polycrystalline Organic-Shielded Nanograins for Efficient Perovskite Light-Emitting Diodes</b> Min-Ho Park <sup>1</sup> , Jaehyeok Park <sup>3</sup> , Jaeho Lee <sup>3</sup> , Hyeon Seob So <sup>4</sup> , Su-Hun Jeong <sup>1</sup> , Hosun Lee <sup>4</sup> , Seunghyup Yoo <sup>3</sup> , and Tae-Woo Lee <sup>1,2</sup> <sup>1</sup> Research Institute of Advanced Materials, Seoul National University, <sup>2</sup> Department of Materials Science and Engineering, Seoul National University, <sup>3</sup> School of Electrical Engineering, KAIST, <sup>4</sup> Department of Applied Physics, Kyung Hee University
<b>FD2-J-5</b> <b>12:15-12:30</b>	<b>Refractive Index Tunable Visible-Light Metasurface by Pattern Shrinkage of Self-Assembled Block Copolymer</b> Kyu Hyo Han, Ju Young Kim, Jonghwa Shin, and Sang Ouk Kim Department of Materials Science and Engineering, KAIST
<b>FD2-J-6</b> <b>12:30-12:45</b>	<b>Energy-Dependent Charge Transport in Conducting Polymers Doped by Solid-State Diffusion and their Electronic Application</b> Keehoon Kang <sup>1</sup> , Sam Schott <sup>2</sup> , Youngrok Kim <sup>1</sup> , Deepak Venkateshvaran <sup>2</sup> , Katharina Broch <sup>3</sup> , David Harkin <sup>2</sup> , Guillaume Schweicher <sup>2</sup> , Cameron Jellet <sup>4</sup> , Christian Nielsen <sup>5</sup> , Iain McCulloch <sup>4</sup> , Takhee Lee <sup>1</sup> , and Henning Sirringhaus <sup>2</sup> <sup>1</sup> Department of Physics and Astronomy, Seoul National University, <sup>2</sup> Cavendish Laboratory, University of Cambridge, UK, <sup>3</sup> Institut für Angewandte Physik, University of Tuebingen, Germany, <sup>4</sup> Department of Chemistry and Centre for Plastic Electronics, UK, <sup>5</sup> Materials Research Institute, Queen Mary University, UK