

**[WG4-J] Nanofabrication for Next Generation Device Applications (2)**

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<b>WG4-J-1</b> 15:25-15:55	<p><b>[초청]</b> <b>High-Performance Perovskite Light-Emitting Diodes through Morphological Control of Perovskite Films</b></p> <p>Jae Choul Yu, Seung jin Lee, Da Bin Kim, Eui Dae Jung, Dae Woo Kim, and Myoung Hoon Song <i>School of Materials Science Engineering/KIST-UNIST Ulsan Center for Convergent Materials, Ulsan National Institute of Science and Technology (UNIST)</i></p>
<b>WG4-J-2</b> 15:55-16:25	<p><b>[초청]</b> <b>Next LEDs: Metal Halide Perovskite Light-Emitting Diodes</b></p> <p>Himchan Cho, Su-Hun Jeong, Min-Ho Park, and Tae-Woo Lee <i>Department of Materials Science and Engineering, Seoul National University</i></p>
<b>WG4-J-3</b> 16:25-16:40	<p><b>Diode Characteristics of the Pt/Al<sub>2</sub>O<sub>3</sub>/SrTiO<sub>3</sub> Structure with Two-Dimensional Electron Gas and Its Time-Dependent Resistance Evolution</b></p> <p>Taehwan Moon<sup>1</sup>, Hae Jun Jung<sup>2</sup>, Yu Jin Kim<sup>1</sup>, Min Hyuk Park<sup>1</sup>, Han Joon Kim<sup>1</sup>, Keum Do Kim<sup>1</sup>, Young Hwan Lee<sup>1</sup>, Seung Dam Hyun<sup>1</sup>, Hyeon Woo Park<sup>1</sup>, Sang Woon Lee<sup>2</sup>, and Cheol Seong Hwang<sup>1</sup> <i><sup>1</sup>Department of Materials Science and Engineering and Inter-university Semiconductor Research Center, Seoul National University, <sup>2</sup>Department of Physics and Division of Energy Systems Research, Ajou University</i></p>
<b>WG4-J-4</b> 16:40-17:10	<p><b>[초청]</b> <b>Flexible, Complex Functional Nanopatterning by Block Copolymer Lithography and Its Applications</b></p> <p>Ju Young Kim<sup>1</sup>, Sang Ouk Kim<sup>2</sup> <i><sup>1</sup>Nano Convergence Devices Research Department, Electronics and Telecommunications Research Institute, <sup>2</sup>Department of Materials Science &amp; Engineering, KAIST</i></p>
<b>WG4-J-5</b> 17:10-17:25	<p><b>Plasmonic-Tuned Flash Cu Nanowelding for Ultrafast Photochemical-Reducing and Interlocking on Flexible Plastics</b></p> <p>Jung Hwan Park and Keon Jae Lee <i>Department of Materials Science and Engineering, KAIST</i></p>