

2020년 2월 14일(금), 09:00~10:30

Room F (스페이스 I, 6층)

**C. Material Growth & Characterization 분과**  
**[FF1-C] Wide Bandgap Materials I (Ga<sub>2</sub>O<sub>3</sub> & etc)**

<b>FF1-C-1</b> 09:00~09:30	<b>[초청]</b> <b>Development of Ultra Wide Bandgap Ga<sub>2</sub>O<sub>3</sub> Materials for Next Generation Power Electronics Applications</b> Youngboo Moon <sup>1</sup> , Woosik Lee <sup>1</sup> , Daejang Lee <sup>1</sup> , and Jun-Seok Ha <sup>2</sup> <sup>1</sup> UJL, <sup>2</sup> School of Applied Chemical Engineering, Chonnam National University
<b>FF1-C-2</b> 09:30~10:00	<b>[초청]Heteroepitaxial Growth of α-Ga<sub>2</sub>O<sub>3</sub> Film on Sapphire Substrate by Hydride Vapor Phase Epitaxy</b> Dae-Woo Jeon KICET
<b>FF1-C-3</b> 10:00~10:15	<b>Hetero Epitaxial Thin Film Growth on a New Substrate of High Quality BaZrO<sub>3</sub> Single Crystal</b> Daehwan Park <sup>1</sup> , Nguyen Xuan Duong <sup>2</sup> , Gye-Hyeon Kim <sup>3</sup> , Ki-Bog Park <sup>1,3</sup> , Changhee Sohn <sup>1,3</sup> , Tae Heon Kim <sup>2</sup> , and Yoon Seok Oh <sup>1,3</sup> <sup>1</sup> Department of Physics, UNIST, <sup>2</sup> Department of Physics and Energy Harvest Storage Research Center (EHSRC), University of Ulsan, <sup>3</sup> School of Natural Science, UNIST
<b>FF1-C-4</b> 10:15~10:30	<b>Tuning of Metal-to-Insulator Transition in Epitaxial Bilayer Nickelate Thin Films through Sub-layer Thickness Control</b> Jongmin Lee <sup>1</sup> , Seyeop Jeong <sup>6</sup> , Byeong-Gwan Cho <sup>2</sup> , Tae Kwon Lee <sup>3</sup> , Jiwoong Kim <sup>4</sup> , Sangmo Kim <sup>5</sup> , Chung Wung Bark <sup>5</sup> , Sungkyun Park <sup>4</sup> , Jong Hoon Jung <sup>3</sup> , Tae Young Koo <sup>2</sup> , Sanghoon Kim <sup>6</sup> , Tae Heon Kim <sup>6</sup> , and Sanghan Lee <sup>1</sup> <sup>1</sup> School of Materials Science and Engineering, GIST, <sup>2</sup> Pohang Accelerator Laboratory, <sup>3</sup> Department of Physics, Inha University, <sup>4</sup> Department of Physics, Pusan National University, <sup>5</sup> Department of Electrical Engineering, Gachon University, <sup>6</sup> Department of Physics, University of Ulsan