



## D. Thin Film Process Technology 분과

2019년 2월 15일(금), 15:30-17:15

Room F (실버홀, 5층)

## [FF3-D] Thin Film Growth

좌장: 김우희 교수(전북대학교), 한정환 교수(서울과학기술대학교)

<b>FF3-D-1</b> <b>15:30-15:45</b>	<b>Polarization Switching Dynamics of the Ferroelectric Al-Doped HfO<sub>2</sub> Thin Films Prepared by Atomic Layer Deposition with Different Ozone Doses</b> So-Jung Yoon, So-Yeong Na, Dae-Hong Min, and Sung-Min Yoon <i>Department of Advanced Materials Engineering for Information and Electronics, Kyung Hee University</i>
<b>FF3-D-2</b> <b>15:45-16:00</b>	<b>Atomic Layer Deposition of Ultrathin Metal Film Using Discrete Feeding Method (DFM) and Electric Field-Assisted ALD (EA-ALD)</b> Ji won Han, Hyun Soo Jin, and Tae Joo Park <i>Department of Materials Science and Chemical Engineering, Hanyang University</i>
<b>FF3-D-3</b> <b>16:00-16:15</b>	<b>Low-Thermal Budget Microwave Annealing to Improve the Electrical, Optical and Structural Properties of Solution-Derived ITO Thin Films</b> Joong-Won Shin and Won-Ju Cho <i>Department of Electronic Materials Engineering, Kwangwoon University</i>
<b>FF3-D-4</b> <b>16:15-16:30</b>	<b>The Impact of the Annealing Temperature of the Seed Layer on the Growth and the Electrical Properties of the Main Layer in Atomic Layer Deposition of SrTiO<sub>3</sub> Films</b> S. H. Kim <sup>1,2</sup> , C. H. An <sup>1,2</sup> , D. S. Kwon <sup>1,2</sup> , D. Kim <sup>1,2</sup> , S. H. Cha <sup>3</sup> , S. T. Cho <sup>1,2</sup> , and C. S. Hwang <sup>1,2</sup> <sup>1</sup> <i>Department of Materials Science and Engineering, Seoul National University,</i> <sup>2</sup> <i>Inter-University Semiconductor Research Center, Seoul National University,</i> <sup>3</sup> <i>Department of Engineering Practice, Seoul National University</i>
<b>FF3-D-5</b> <b>16:30-16:45</b>	<b>Flexible Physiological Sensors based on Solution-Processed Soft Nanocomposite Materials for Brain-Machine Interfaces</b> Byeong-cheol Kang <sup>1</sup> , Jae-Ho Han <sup>2</sup> , and Tae-Jun Ha <sup>1</sup> <sup>1</sup> <i>Department of Electronic Materials Engineering, Kwangwoon University,</i> <sup>2</sup> <i>Department of Brain and Cognitive Engineering, Korea University</i>
<b>FF3-D-6</b> <b>16:45-17:00</b>	<b>Poly-Ge Thin Films by Seed Induced Crystallization at Low Temperature</b> Mingjun Jiang and Donghwan Ahn <i>School of Materials Science and Engineering, Kookmin University</i>
<b>FF3-D-7</b> <b>17:00-17:15</b>	<b>Mechanical Properties of Chemically Reduced Graphene Oxide</b> Hansung Kim, Hyewon Du, Somyeong Shin, Taekwang Kim, Seonyeong Kim, Minho Song, Dain Kang, and Sunae Seo <i>Department of Physics, Sejong University</i>