

## C. Materials Growth & Characterization 분과

2017년 2월 15일 (수), 10:10-11:40  
Room G (코릴, 3층)

### [WG2-C] Materials Growth & Characterization II

좌장: 권순용(UNIST), 박일규(서울과학기술대학교)

<b>WG2-C-1</b> 10:10-10:25	<b>A Study of Atomic Layer deposited F-doped ZnO Transparent Conducting Oxides Thin Films</b> Kyung-Mun Kang and Hyung-Ho Park <i>Department of Materials Science and Engineering, Yonsei University</i>
<b>WG2-C-2</b> 10:25-10:40	<b>DRAM Poly/SiON Gate에서 Plasma Nitridation공정 최적화를 통한 NBTI 신뢰성 개선</b> 이승미, 김형철, 조흥재, 장세억 <i>SK하이닉스 미래기술연구원</i>
<b>WG2-C-3</b> 10:40-10:55	<b>Dislocation Deformation under High Compressive Growth Stress in GaN</b> 양민호 <sup>1</sup> , 유원택 <sup>2</sup> , 조예원 <sup>1</sup> , 백현석 <sup>1</sup> <i><sup>1</sup>Analytical Research Division, Korean Basic Science Institute, <sup>2</sup>Center for Inter-University Research Facility, Kookmin university</i>
<b>WG2-C-4</b> 10:55-11:10	<b>Mechanical Hysteresis Study of VO<sub>2</sub> Single Crystal Micro-Plate Grown by Reductive Phase Conversion Using Graphene</b> Kyungchan Min, Dong Kyu Lee, Wook Jin Jeon, Young Ho Kim, and Hak Ki Yu <i>Department of Materials Science and Engineering, Ajou University, Department of Energy Systems Research, Ajou University</i>
<b>WG2-C-5</b> 11:10-11:25	<b>Carbon-Doping of GaN Buffer Layer in AlGaIn/GaN HEMTs on Si-SiC Substrate</b> Kyeongjae Lee, Kwangsae Go, Jaeyeon Han, and Okhyun Nam <i>Convergence Center for Advanced Nano Semiconductors (CANS), Department of Nano-Optical Engineering, Korea Polytechnic University</i>