



## C. Material Growth & Characterization 분과

2021년 1월 28일(목), 10:45-12:15 / 채널 B

### [TB2-C] Wide Bandgap Materials II

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<p><b>TB2-C-1</b> 10:45-11:15</p>	<p><b>[초청]</b> <b>The Growth of 0D and 1D III-V Semiconductor Materials for Quantum Information Technology</b> Jin Dong Song and coworkers in KIST <i>Center for Opto-Electronic Convergence Systems, KIST</i></p>
<p><b>TB2-C-2</b> 11:15-11:30</p>	<p><b>Epitaxial Growth Technology Powered by Artificial Intelligence : GaN Epiwafer Production for DC and RF Power Devices</b> Young-Kyun Noh <i>IVWorks Co., Ltd.</i></p>
<p><b>TB2-C-3</b> 11:30-11:45</p>	<p><b>High-quality InGaN Based Nanowire Photocatalysts For Solar-water Splitting Applications</b> Sung-Un Kim<sup>1,2</sup>, Hye-Young Kwon<sup>1</sup>, Dong-Wook Shin<sup>2</sup>, and Yong-Ho Ra<sup>1</sup> <i><sup>1</sup>KICET, <sup>2</sup>Hanyang University</i></p>
<p><b>TB2-C-4</b> 11:45-12:00</p>	<p><b>Theoretical Understanding of the Effects of Composition and Configuration on the Ferroelectric Properties of Wurtzite Structure (Al, Sc)N</b> Kun Hee Ye<sup>1,2,3</sup>, Gyuseung Han<sup>1,2,3</sup>, In Won Yeu<sup>1</sup>, Cheol Seong Hwang<sup>2,3</sup>, and Jung-Hae Choi<sup>1</sup> <i><sup>1</sup>Center for Electronic Materials, KIST, <sup>2</sup>Department of Materials Science and Engineering, Seoul National University, <sup>3</sup>Inter-University Semiconductor Research Center, Seoul National University</i></p>
<p><b>TB2-C-5</b> 12:00-12:15</p>	<p><b>Punctuated Growth of InAs Quantum Dashes-in-a-well on InP for 2<math>\mu</math>m Emission</b> Rafael Jumar Chu<sup>1,2</sup>, Geunhwan Ryu<sup>1</sup>, Seungwan Woo<sup>1,3</sup>, Yeonhwa Kim<sup>1,2</sup>, In-Hwan Lee<sup>3</sup>, Won Jun Choi<sup>1</sup>, and Daehwan Jung<sup>1,2</sup> <i><sup>1</sup>Center for Opto-electronic Materials and Devices, KIST, <sup>2</sup>Division of Nano and Information Technology, KIST School at University of Science and Technology, <sup>3</sup>Department of Materials Science and Engineering, Korea University</i></p>