



## J. Nano-Science & Technology 분과

2021년 1월 27일(수), 13:00-14:30 / 채널 B

### [WB3-J] Van der Waals Heterostructure Devices

좌장: 손정인 교수 (동국대학교), 이관형 교수 (서울대학교)

<p><b>WB3-J-1</b> 13:00-13:30</p>	<p><b>[초청]</b> <b>Van der Waals Heterostructure Devices for Tunneling Phototransistor and Electronic Spectroscopy</b> Heejun Yang <i>Department of Energy Science, Sungkyunkwan University</i></p>
<p><b>WB3-J-2</b> 13:30-13:45</p>	<p><b>Layered Two-Dimensional Materials Showing Extremes of Heat Transport</b> Hyejin Jang <i><sup>1</sup>Department of Materials Science and Engineering, Seoul National University</i></p>
<p><b>WB3-J-3</b> 13:45-14:00</p>	<p><b>A Study on Van der Waals Contact Electrodes of 2-Dimensional Layered Materials Using Low Frequency Noise</b> Hyunjin Ji<sup>1</sup>, Byoung Hee Moon<sup>2</sup>, Donnhwan Choi<sup>3</sup>, and Jung Jun Bae<sup>4</sup> <i><sup>1</sup>Department of Electrical engineering, University of Ulsan, <sup>2</sup>Department of Physics, Incheon National University, <sup>3</sup>Center for Integrated Nanostructure Physics, IBS</i></p>
<p><b>WB3-J-4</b> 14:00-14:15</p>	<p><b>Polarity Control and Weak Fermi Level Pinning in PdSe<sub>2</sub> Transistor</b> Jae Eun Seo, Dongwook Seo, Tanmoy Das, and Jiwon Chang <i>School of Electrical and Computer Engineering, UNIST</i></p>
<p><b>WB3-J-5</b> 14:15-14:30</p>	<p><b>Molecular Selector Realized by Molecular Heterojunction with 2DSemiconductors</b> Jung Sun Eo, Jaeho Shin, and Gunuk Wang <i>KU-KIST Graduate School of Converging Science &amp; Technology, Korea University</i></p>