



# 제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

2022년 1월 24일(월)~ 26일(수) | 강원도 하이원 그랜드호텔(컨벤션타워)

2022년 1월 26일(수), 14:00-15:30

Room G (스페이드 II+III, 6층)

## J. Nano-Science & Technology 분과

### [WG3-J] Nanomaterials

좌장: 강기훈 교수(연세대학교), 이관형 교수(서울대학교)

<p><b>WG3-J-1</b> 14:00-14:15</p>	<p><b>Photo-switchable Molecular Electronic Devices with Perovskite/Graphene Electrodes</b> Changjun Lee<sup>1</sup>, Junwoo Kim<sup>1</sup>, Jonghoon Lee<sup>1</sup>, Minwoo Song<sup>1</sup>, Keehoon Kang<sup>2</sup>, and Takhee Lee<sup>1</sup> <sup>1</sup>Department of Physics and Astronomy, Seoul National University, <sup>2</sup>Department of Materials Science and Engineering, Yonsei University</p>
<p><b>WG3-J-2</b> 14:15-14:30</p>	<p><b>Ultrastrong Light-Matter Interactions in Two-Dimensional Materials Enabled by Surface Polaritons for Mid-Infrared Photonics</b> In-Ho Lee Center for Opto-Electronic Materials and Devices, KIST</p>
<p><b>WG3-J-3</b> 14:30-14:45</p>	<p><b>Demonstration of PdSe<sub>2</sub> CMOS Circuit Using the Same Metal Contact in the Source/Drain Electrodes of n-/p-MOSFETs</b> Jae Eun Seo<sup>1,2</sup>, Eunpyo Park<sup>3</sup>, Tanmoy Das<sup>1,2</sup>, Joon Young Kwak<sup>3</sup>, and Jiwon Chang<sup>1,2</sup> <sup>1</sup>Department of System Semiconductor Engineering, Yonsei University, <sup>2</sup>Department of Materials Science and Engineering, Yonsei University, <sup>3</sup>Center for Neuromorphic Engineering, KIST</p>
<p><b>WG3-J-4</b> 15:15-15:30</p>	<p>자가 조립된 나노 입자를 활용한 그래핀 양자점의 형성과 그 특성 연구 강현웅, 판딧비스마, 조제희 전북대학교 반도체화학공학부</p>