



# 제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 25일(목), 09:00-10:45

Room F(106), 1층

## C. Material Growth & Characterization 분과

### [TF1-C] Advanced Characterization of 2D Materials

좌장: 윤석준 교수(울산대학교), 이승훈 교수(부경대학교)

<p>초청발표</p> <p>TF1-C-1</p> <p>09:00-09:30</p>	<p>Operando Electron Microscopy Investigation of Domain Dynamics in 2D Sliding Ferroelectrics</p> <p>Hyobin Yoo</p> <p>Sogang University</p>
<p>TF1-C-2</p> <p>09:30-09:45</p>	<p>Graphene Capping Layer in Cu Back-End-Of-Line</p> <p>Keun Wook Shin, Yeonchoo Cho, and Kyung-Eun Byun</p> <p>SAIT</p>
<p>TF1-C-3</p> <p>09:45-10:00</p>	<p>Modulating Polymorph Transition Metal Dichalcogenides through Controlled Thermal and Plasma Treatments</p> <p>Dongho Lee<sup>1</sup>, Hyunho Seok<sup>2</sup>, Sihoon Son<sup>2</sup>, Hyunbin Choi<sup>3</sup>, Gunhyoung Kim<sup>3</sup>, and Taesung Kim<sup>1,2,3</sup></p> <p><sup>1</sup>Department of Mechanical Engineering, Sungkyunkwan University, <sup>2</sup>SAINT, Sungkyunkwan University, <sup>3</sup>Department of Semiconductor Convergence Engineering, Sungkyunkwan University</p>
<p>초청발표</p> <p>TF1-C-4</p> <p>10:00-10:30</p>	<p>Facile and Large-area Optical Characterization of Atomically Thin Films</p> <p>Jae-Ung Lee</p> <p>Ajou University</p>
<p>TF1-C-5</p> <p>10:30-10:45</p>	<p>Thermal Property 3D Imaging System Using Frequency-domain Thermoreflectance</p> <p>Jihyun Kim, Jongwon Baek, and Jungwan Cho</p> <p>Sungkyunkwan University</p>