



## Future Normal in Semiconductor

2025-02-14(금), 15:10-17:10

좌장: 추후업데이트 예정

### C. Material Growth & Characterization 분과

#### [FF3-C] Neuromorphic and Functional Oxide Materials

<p><b>초청</b> FF3-C-1 15:10-15:40</p>	<p><b>멤리스터용 가능성 박막 소재</b> 장호원 서울대학교 재료공학부</p>
<p>FF3-C-2 15:40-15:55</p>	<p><b>Investigating epitaxially fabricated crystallographic shear phase in tungsten sub-oxides</b> Kyeong Jun Lee<sup>1</sup>, Bongju Kim<sup>1</sup>, Minu Kim<sup>1</sup>, Seo Hyoung Chang<sup>1</sup>, Hyowon Seo<sup>2</sup>, Yeong Gwang Khim<sup>2</sup>, Young Jun Chang<sup>2</sup>, Yong-Jun Kwon<sup>3</sup>, Chan Ho Yang<sup>3</sup>, Gyungtae Kim<sup>4</sup>, and Jung-ho Kim<sup>5</sup> <sup>1</sup>Department of Physics, Chung-Ang University, <sup>2</sup>Department of Physics, University of Seoul, <sup>3</sup>Department of Physics, Korea Advanced Institute of Science and Technology, <sup>4</sup>National NanoFab Center, <sup>5</sup>Advanced Photon Source, Argonne National Laboratory</p>
<p>FF3-C-3 15:55-16:10</p>	<p><b>Inhibitor 특성을 가지는 Si 전구체를 활용한 Ru의 선택적 ALD (area-selective atomic layer deposition) 증착</b> 구본욱<sup>1</sup>, Sumaira Yasmeen<sup>1</sup>, 강영호<sup>1</sup>, 이한보람<sup>1</sup>, 오근하<sup>2</sup>, 오일권<sup>2</sup> <sup>1</sup>인천대학교 신소재공학과, <sup>2</sup>아주대학교 지능형반도체공학과</p>
<p><b>초청</b> FF3-C-4 16:10-16:40</p>	<p><b>Piezoelectric DC Power Generator using a sequential polarization change</b> Hyun-Cheol Song<sup>1,2</sup> and Hyunsoo Kim<sup>1</sup> <sup>1</sup>Electronic Materials Research Center, KIST, <sup>2</sup>KIST-SKKU Carbon-Neutral Research Center, Sungkyunkwan University</p>
<p>FF3-C-5 16:40-16:55</p>	<p><b>Epitaxial Growth of Stacking Faults-free Bilayer MoS<sub>2</sub></b> GunWoo Yoo<sup>1,2</sup>, TaeJoon Mo<sup>1,2</sup>, Yong-Sung Kim<sup>3</sup>, Woo-Ju Lee<sup>1,2</sup>, Min-Yeong Choi<sup>1,2</sup>, Si-Yong Choi<sup>1,4</sup>, Moon-Ho Jo<sup>1,2</sup>, and Cheol-Joo Kim<sup>1,2</sup> <sup>1</sup>Center for Van der Waals Quantum Solids, IBS, <sup>2</sup>Department of Chemical Engineering, POSTECH, <sup>3</sup>KRISS, <sup>4</sup>Department of Materials Science and Engineering, POSTECH</p>
<p>FF3-C-6 16:55-17:10</p>	<p><b>Chiral Photonic Synapses based on Chiral Perovskites</b> In-Kook Hwang<sup>1,2</sup>, Min Gu Lee<sup>2</sup>, Young-Hoon Kim<sup>3</sup>, Kyung Min Kim<sup>2</sup>, Byong-Guk</p>



# 제 32회 한국반도체학술대회

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