



Future Normal in Semiconductor

2025년 2월 14일(금), 15:10-17:10

Room F(사파이어 I), 5층

C. Material Growth & Characterization 분과

072_[FF3-C] Neuromorphic and Functional Oxide Materials

좌장: 이정우 교수(홍익대학교), 송승욱 교수(성균관대학교)

<p>초청 FF3-C-1 15:10-15:40</p>	<p>멤리스터용 가능성 박막 소재 장호원 서울대학교 재료공학부</p>
<p>FF3-C-2 15:40-15:55</p>	<p>Investigating Epitaxially Fabricated Crystallographic Shear Phase In Tungsten Sub-oxides Kyeong Jun Lee¹, Hyowon Seo², Yeong Gwang Khim², Yong-Jun Kwon³, Bongju Kim¹, Minu Kim¹, Chan Ho Yang³, Gyungtae Kim⁴, Jung-ho Kim⁵, Young Jun Chang² and Seo Hyoung Chang¹ ¹Department of Physics, Chung-Ang University, ²Department of Physics, University of Seoul, ³Department of Physics, KAIST, ⁴National NanoFab Center, ⁵Advanced Photon Source, Argonne National Laboratory</p>
<p>FF3-C-3 15:55-16:10</p>	<p>Inhibitor 특성을 가지는 Si 전구체를 활용한 Ru의 선택적 ALD (Area-selective atomic layer deposition) 증착 구본욱¹, Sumaira Yasmeen¹, 오근하², 오일권², 강영호¹, 이한보람¹ ¹인천대학교 신소재공학과, ²아주대학교 지능형반도체공학과</p>
<p>초청 FF3-C-4 16:10-16:40</p>	<p>Piezoelectric DC Power Generator Using a Sequential Polarization Change Hyun-Cheol Song^{1,2} and Hyunsoo Kim¹ ¹Electronic Materials Research Center, KIST, ²KIST-SKKU Carbon-Neutral Research Center, Sungkyunkwan University</p>
<p>FF3-C-5 16:40-16:55</p>	<p>Epitaxial Growth of Stacking Faults-free Bilayer MoS₂ GunWoo Yoo^{1,2}, TaeJoon Mo^{1,2}, Yong-Sung Kim³, Woo-Ju Lee^{1,2}, Min-Yeong Choi^{1,2}, Si-Yong Choi^{1,4}, Moon-Ho Jo^{1,2}, and Cheol-Joo Kim^{1,2} ¹Center for Van der Waals Quantum Solids, IBS, ²Department of Chemical Engineering, POSTECH, ³KRISS, ⁴Department of Materials Science and Engineering, POSTECH</p>



제 32회 한국반도체학술대회

The 32nd Korean Conference on Semiconductors

2025년 2월 12일(수)-14일(금) | 강원도 하이원리조트

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<p>FF3-C-6 16:55-17:10</p>	<p>Chiral Photonic Synapses based on Chiral Perovskites In-Kook Hwang^{1,2}, Min Gu Lee², Young-Hoon Kim³, Kyung Min Kim², Byong-Guk Park², and Seung-Heon Chris Baek¹ ¹Center for Semiconductor Technology, KIST, ²Department of Materials Science and Engineering, KAIST, ³Department of Energy Engineering, Hanyang University</p>
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