



Future Normal in Semiconductor

2025-02-14(금), 10:55-12:40

좌장: 추후업데이트 예정

J. Nano-Science & Technology 분과

[FG2-J] Nano Energy & Photonics

<p>초청 FG2-J-1 10:55-11:25</p>	<p>Plasma Polymer Thin Film for High Performance Triboelectric Nanogenerator Sang-Jin Lee ¹School of Semiconductor Engineering, Chungbuk National University</p>
<p>FG2-J-2 11:25-11:40</p>	<p>Highly conformable 3D-printed soft thermoelectric devices for wearable applications Woojin Kim¹ and Seungjun Chung² ¹KU-KIST Graduate School of Converging Science and Technology, Korea University, ²School of Electrical and Engineering, Korea University</p>
<p>FG2-J-3 11:40-11:55</p>	<p>Crystallinity and Thickness Modulation of Atomic Layer Deposited RuO₂ for Efficient Oxygen Evolution Reaction Catalyst Namkyu Yoo¹, Jaehwan Lee¹, Sanghun Lee¹, Youngjun Kim¹, Yongju Kwon², Woo-Hee Kim², Seung-min Chung¹, Donghyun Kim¹, and Hyungjun Kim¹ ¹School of Electrical and Electronic Engineering, Yonsei University, ²Department of Materials Science and Chemical Engineering, Hanyang University</p>
<p>FG2-J-4 11:55-12:10</p>	<p>Investigation of Ni(OH)₂/MoTe₂ Heterostructures as Efficient Electrocatalyst for Oxygen Evolution Reaction Myeong Kyun Nam, Iaan Cho, Junhwi Han, Seunghun Shin, Ho Tae Jeon, Sun Kyung Han, Won-Kyu Lee, and Bonggeun Shong Hongik University</p>
<p>FG2-J-5 12:10-12:25</p>	<p>Harnessing Persistent Photocurrent in a 2D Semiconductor? Polymer Hybrid Structure: Electron Trapping and Fermi Level Modulation for Optoelectronic Memory Seungho Bang¹, Wooyoung Kang¹, Dohyeong Kim¹, Hyeongchan Suh¹, Dong Hyeon Kim^{1,2}, Chan Kwon¹, JiEun Jo¹, Ji-hong Kim¹, Hayoung Ko², Ki Kang Kim², Jinho Ahn³, and Mun Seok Jeong¹ ¹Department of Physics, Hanyang University, ²Department of Energy Science, Sungkyunkwan University, ³Division of Materials Science and Engineering, Hanyang University</p>



제 32회 한국반도체학술대회

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<p>FG2-J-6 12:25-12:40</p>	<p>Diffraction-based Metasurfaces and Photovoltaic Applications Yeong Hwan Ko¹ and Jae Su Yu² ¹Kongju National University, ²Kyung Hee University,</p>
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