



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

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

2022년 1월 25일(화), 16:00-17:45

Room I (하트 II, 6층)

P. Device for Energy (Solar Cell, Power Device, Battery, etc.) 분과 [TI3-P] Mechanical & Heat Energy Conversion Devices

좌장: 박정웅 교수(가천대학교), 유상우 교수(경기대학교)

<p>TI3-P-1 16:00-16:30</p>	<p>Sustainable Output Power Generation based on Triboelectric Nanogenerator Jeong Min Baik <i>School of Advanced Materials Science and Engineering, Sungkyunkwan University</i></p>
<p>TI3-P-2 16:30-17:00</p>	<p>Mechanical Conversion and Transmission Systems for Mechanical Triboelectric Nanogenerators (TENGs) Dukhyun Choi <i>School of Mechanical Engineering, Sungkyunkwan University</i></p>
<p>TI3-P-3 17:00-17:15</p>	<p>Eco-Friendly Fabrication of an Organic Thermoelectric Device for Green Power Source with Zero Waste Jeong Han Song, Juhjung Park, Jeehyun Jeong, and Jeonghun Kwak <i>Department of Electrical and Computer Engineering and Inter-University Semiconductor Research Center, Seoul National University</i></p>
<p>TI3-P-4 17:15-17:30</p>	<p>Impact of Processing Conditions of Semiconducting Polymers on the Enhancement of their Thermoelectric Properties Jeehyun Jeong, Juhjung Park, and Jeonghun Kwak <i>¹Department of Electrical and Computer Engineering and Inter-University Semiconductor Research Center, Seoul National University</i></p>
<p>TI3-P-5 17:30-17:45</p>	<p>Miro or Nano Structural Strategy for Thermodynamics Heat Storage System Using MgO/Mg(OH)₂ Youngho Kim^{1,2}, Noeul Kim^{1,2}, Mysung Sung Sohn^{1,2}, Yeongji Yu^{1,2}, and Hak Ki Yu^{1,2} <i>¹Department of Materials Science and Engineering, Ajou University, ²Department of Energy Systems Research, Ajou University</i></p>