



제 30회 한국반도체학술대회

The 30th Korean Conference on Semiconductors

2023년 2월 13일(월)~ 15일(수) | 강원도 하이원리조트(그랜드호텔 컨벤션타워)

2023년 2월 15일(수), 09:00-10:30

Room F (스페이드 I, 6층)

P. Device for Energy (Solar Cell, Power Device, Battery, etc.) 분과

[WF1-P] 에너지 하베스팅 및 에너지 저장

좌장: 박정웅 교수(가천대학교), 이재원 교수(강원대학교)

WF1-P-1 09:00-09:30 [초청]	Control of Defects and Thermoelectric Properties in N-type Bismuth Telluride Alloys Seung-Hyub Baek <i>Center for Electronic Materials, KIST</i>
WF1-P-2 09:30-09:45	Effects of Surface Ligand on the Thermoelectric Properties of the Colloidal Nanocrystal Jeehyun Jeong ^{1,2,3} , Juhjung Park ^{1,2,3} , Jeonghan Song ^{1,2,3} , and Jeonghun Kwak ^{1,2,3} ¹ Department of Electrical and Computer Engineering, Seoul National University, ² Inter-university Semiconductor Research Center, Seoul National University, ³ Soft Foundry Institute, Seoul National University
WF1-P-3 09:45-10:00	Synergetic Effects of Fluorosulfate-Based Electrolyte Additive Developed for Lithium-ion Batteries Using Ultra Ni-rich (90%) Cathode Materials Jimin Oh ¹ , Kwang Man Kim ¹ , and Sung You Hong ² ¹ ETRI, ² UNIST
WF1-P-4 10:00-10:30 [초청]	Functionalized Dielectrics-Based Triboelectric Nanogenerators for Output Power Enhancement Jae Won Lee <i>Kangwon National University</i>