

제22회 한국반도체학술대회

2015년 2월 10일(화) - 12일(목), 인천 송도컨벤시아

P. Device for Energy 분과

Room G
1F / 109호

2015년 2월 11일(수) 13:00-14:30

[WG2-P] Device for Energy

좌장: 함문호 (광주과학기술원), 박성기 (LG디스플레이)

WG2-P-1	13:00-13:30	Antireflective Subwavelength Structures for High Efficient III-V Photovoltaics Yunwon Song and Jungwoo Oh School of Integrated Technology, Yonsei University
WG2-P-2	13:15-13:30	Anti-reflective and Electrical Characteristics of Al-doped ZnO Nanorods for Chalcogenide Thin-Film Solar Cell Ji-Hyeon Park ¹ , Tae Il Lee ² , and Jae-Min Myoung ¹ ¹ Department of Materials Science and Engineering, Yonsei University, ² Department of BioNano Technology and Gachon BioNano Research Institute, Gachon University
WG2-P-3	13:30-13:45	Realistic Circuit Model of an Impact-Based Energy Harvester Sunhee Kim, Suna Ju, Chang-Hyeon Ji, and Seungjun Lee Department of Electronics Engineering, Ewha Womans University
WG2-P-4	13:45-14:00	Graphene as Interfacial Layer for Improving Cycle Performance of Si Nanowires in Lithium Ion Battery Fan Xia, Su Han Kim, Dong Hyun Lee, Jung Min Lee, Ungyu Paik, and Won Il Park Division of Material Science and Engineering, Hanyang University
WG2-P-5	14:00-14:15	Thin HfxZr_{1-x}O₂ Films (x=0.1-0.4) for a Monolithic Device for Various Energy-related Applications Min Hyuk Park, Han Joon Kim, Yu Jin Kim, Taehwan Moon, Keum Do Kim, Young Hwan Lee, and Cheol Seong Hwang Department of Materials Science and Engineering and Interuniversity Semiconductor Research Center, Seoul National University
WG2-P-6	14:15-14:30	Proton Irradiation Effects on Normally-off AlGaN/GaN MISHFETs Dongmin Keum, Junyoung Choi, Ho-young Cha, and Hyungtak Kim Department of Electronics and Electrical Engineering, Hongik University