

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

2020년 2월 14일(금), 09:00-10:30 / Room I (하트 II, 6층)

■ [F11-P] Low Dimensional Materials: Peorproperties and Energy Device Applications

좌장: 엄광섭 교수 (GIST), 류학기 교수 (아주대학교)

F11-P-1 09:00-09:15	Improved Thermoelectric Properties of Silicon Nanowire with Silicide Layer Hyeongseok Yoo ¹ , Seunggho Lee ² , and Chang-Ki Baek ^{1,2} <i>¹Department of Creative IT Engineering, POSTECH, ²Department of Electronic Engineering, POSTECH</i>
F11-P-2 09:15-09:30	Conversion of WO₃ Thin Film into Self-crosslinked Nanorods for Large Scale Ultra-violet Detector Youngho Kim and Hak Ki Yu <i>Department of Materials Science and Engineering & Department of Energy Systems Research, Ajou University</i>
F11-P-3 09:30-10:00	[초청] Multifaceted Role of Graphene as the Transparent Flexible Conductor Donghwan Koo, Gyujeong Jeong, Sungwoo Jung, Jihyung Seo, Yunseong Choi, Junghyun Lee, Sang Myeon Lee, Yongjoon Cho, Mingyu Jeong, Jungho Lee, Jiyeon Oh, Changduk Yang, and Hyesung Park <i>UNIST</i>
F11-P-4 10:00-10:30	[초청] Electrical Properties of 2D Materials Van der Waals Heterostructures Young-Jun Yu <i>Chungnam National University</i>