



# 제25회 한국반도체학술대회

The 25<sup>th</sup> Korean Conference on Semiconductors

2018년 2월 5일(월)-7일(수), 강원도 하이원리조트 컨벤션 호텔

2018년 2월 7일(수), 16:15-17:30

Room A (태백, 5층)

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

### [WA4-P] Fabrication for Functional Energy Device

좌장: 신현정 교수(성균관대학교), 함문호 교수(GIST)

WA4-P-1 16:15-16:45	<b>[초청]</b> <b>Stability Extension of Photovoltaic Cells Using 2D Materials</b> Soo Young Kim <i>School of Chemical Engineering and Materials Science, Chung-Ang University</i>
WA4-P-2 16:45-17:00	<b>Semiconducting Single Walled Carbon Nanotube Doped In<sub>2</sub>O<sub>3</sub> Nanocomposites for High Performance Solid-State Symmetric Supercapacitors</b> Rajneesh Kumar Mishra, Jin-Seong Kim, Seung Yeop Kim, and Sung Hun Jin <i>Department of Electronic Engineering, Incheon National University</i>
WA4-P-3 17:00-17:15	<b>Silicide-Nanowires Anchored on Inner Surface of Graphene Foam as Anode Materials for Li-Ion Battery.</b> Won Jun Chang, Su Han Kim, Dong Won Yang, Jin Tae Kim, and Won Il Park <i>Division of Materials Science &amp; Engineering, Hanyang University</i>
WA4-P-4 17:15-17:30	<b>Fabrication and Characterization of 5000V Class Light Triggered Thyristor</b> Doohyung Cho, Jongil Won, and Kunsik Park <i>Convergence Components Technology Center, ETRI</i>