



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

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

2022년 1월 26일(수), 14:00-15:30

Room C (사파이어 I, 5층)

Q. Metrology, Inspection, Analysis, and Yield Enhancement 분과

[WC3-Q] Metrology, Inspection, and Yield Enhancement III

좌장: 정용우 TL(SK 하이닉스), 강상우 소장(KRISS)

<p>WC3-Q-1 14:00-14:30</p>	<p>Unveiling Functional Oxides via Atomic Scale Imaging Si-Young Choi <i>Department of Materials Science and Engineering, POSTECH</i></p>
<p>WC3-Q-2 14:30-14:45</p>	<p>Upconversion Nanoparticles-decorated WS₂/MoS₂ Phototransistors for VIS-SWIR Broadband Image Sensor Minji Park¹, Jaeseo Park^{1,2}, Won Chegal¹, and Sang-Woo Kang^{1,2} <i>¹Advanced Instrumentation Institute, KRISS, ²Science of Measurement, University of Science and Technology</i></p>
<p>WC3-Q-3 14:45-15:00</p>	<p>Effect of Atomic-Scale Defect Engineering on Thermoelectric Properties of Graphene Jinwook Baek^{1,2}, Myungwoo Choi², Travis G. Novak², Jicheol Byen¹, Hyejeong Lee¹, Donghwi Cho², Seonggu Hong¹, Jihun Mun¹, Sang-Woo Kang¹, Jaeyong Song¹, Hosun Shin¹, and Seokwoo Jeon² <i>¹KRISS, ²KAIST</i></p>
<p>WC3-Q-4 15:00-15:15</p>	<p>Photocatalytic Hydrogen Evolution Study of Nanocomposites by the In-situ Liquid Cell TEM Technique V. Navakoteswara Rao¹, Jun-Mo Yang¹, Jung Ho Yoo¹, Karthik Kannan², and Bee Lyong Yang² <i>¹Nano-Convergence Technology Division, National Nanofab Center; ²School of Advanced Materials Science and Engineering, Kumoh National Institute of Technology</i></p>
<p>WC3-Q-5 15:15-15:30</p>	<p>Measurement of Low-Concentration NO₂ Gas Using MoS₂ Scroll Based Gas Sensor Ho Yeon Park^{1,2}, Jihun Mun¹, Jinwook Baek¹, Soo-Hwan Jeong², and Sang-Woo Kang¹ <i>¹KRISS, ²Kyungpook National University</i></p>