



제25회 한국반도체학술대회

The 25th Korean Conference on Semiconductors

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

2018년 2월 6일(화), 09:00-10:45

Room G (봉래III+III, 6층)

J. Nano-Science & Technology 분과

[TH1-J] Graphene Related Nano Materials

좌장: 류학기 교수(아주대학교)

TH1-J-1 09:00-09:15	Optical Visibility of Graphene on Silicon Nitride Substrates Jin Yong An and Yung Ho Kahng <i>Department of Physics Education, Chonnam National University</i>
TH1-J-2 09:15-09:30	GaN-그래핀 쇼트키 접합을 이용한 광반응 메커니즘 분석 이재형, 이원우, 권순상, 박원일 <i>Division of Materials Science and Engineering, Hanyang University</i>
TH1-J-3 09:30-09:45	Graphene Work Function Change of Amine-Based Materials with Various Terminal Groups Sa Rang Bae and Soo Young Kim <i>School of Chemical Engineering and Materials Science, Chung-Ang University</i>
TH1-J-4 09:45-10:00	Improved Charge Transfer of Graphene/Polymer for CO₂ Sensing Myungwoo Son, Sang-Soo Chee, Francis Malar Auxilia, and Moon-Ho Ham <i>School of Materials Science and Engineering, GIST</i>
TH1-J-5 10:00-10:15	Entangled Graphene Mesh Network for Transparent and Stretchable Electronics Jaehyun Han ^{1,2} and Jong-Souk Yeo ^{1,2} <i>¹School of Integrated Technology, College of Engineering, Yonsei University, ²Yonsei Institute of Convergence Technology, Yonsei University</i>
TH1-J-6 10:15-10:30	전하 주입 층을 이용한 그래핀/DNTT 배리스터의 전기적 특성 조절 이혜지 ^{1,2} , 김윤지 ^{1,2} , 한경주 ^{1,2} , 김소영 ^{1,2} , 허선우 ^{1,2} , 김지환 ² , 윤명한 ² , 이병훈 ^{1,2} <i>¹Center for Emerging Electric Devices and Systems, ²School of Material Science and Engineering, Gwangju Institute of Science and Technology</i>
TH1-J-7 10:30-10:45	Investigation of Thickness-Dependent Avalanche Breakdown Phenomena in MoS₂ Field-Effect Transistors Jinsu Pak, Yeonsik Jang, Kyungjune Cho, Tae-Young Kim, Jae-Keun Kim, Barbara Yuri Choi, Jiwon Shin, Seungjun Chung, and Takhee Lee <i>Department of Physics and Astronomy, Seoul National University</i>