



제25회 한국반도체학술대회

The 25th Korean Conference on Semiconductors

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

2018년 2월 7일(수), 13:15-14:45

Room H (청옥1, 6층)

J. Nano-Science & Technology 분과

[WH3-J] CNT Related Nanotechnology

WH3-J-1 13:15-13:30	A Pseudo-CMOS Inverter with Top-Gated 99% Semiconducting Carbon Nanotube Network Transistors Bongsik Choi, Jinsu Yoon, Yongwoo Lee, Jungmin Han, Jieun Lee, Yeamin Kim, Jinhee Park, Dong Myong Kim, Dae Hwan Kim, and Sung-Jin Choi <i>School of Electrical Engineering, Kookmin University</i>
WH3-J-2 13:30-13:45	99% Semiconducting Carbon Nanotube-Based Diode and Application in Logic Circuits Yongwoo Lee, Bongsik Choi, Jinsu Yoon, Jungmin Han, Jieun Lee, Jinhee Park, Yeamin Kim, Dong Myong Kim, Dae Hwan Kim, and Sung-Jin Choi <i>School of Electrical Engineering, Kookmin University</i>
WH3-J-3 13:45-14:00	Solution-Processed Multi-Wall Carbon-Nanotube Sensors for Hydrogen Peroxide Gas Detection Ban-Suk Park ¹ , Jun-Young Jeon ¹ , Young Tae Byun ² , and Tae-Jun Ha ¹ ¹ <i>Department of Electronic Materials Engineering, Kwangwoon University,</i> ² <i>Sensor System Research Center, KIST</i>
WH3-J-4 14:00-14:15	CdSe-QD Doped WO₃ in Electrochromic Devices Amirhossein Hasani ¹ , Quyet Van Le ¹ , Thang Phan Nguyen ¹ , Kyoung Soon Choi ² , Ho Won Jang ³ , and Soo Young Kim ¹ ¹ <i>School of Chemical Engineering and Materials Science, Chung-Ang University,</i> ² <i>Advanced Nano-Surface Research Group, KBSI,</i> ³ <i>Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University</i>
WH3-J-5 14:15-14:30	The Effect of Additives Controlled by Annealing Temperature and Content on the Performance of Cs-Based Solar Cells Do Yeon Heo and Soo Young Kim <i>School of Chemical Engineering and Materials Science, Chung-Ang University</i>