

I. MEMS & Sensor Systems 분과

2017년 2월 15일 (수), 10:10-11:40
Room D (크리스탈, 2층)

[WD2-I] Bio/Gas/Pressure Sensors

좌장: 조원주(광운대학교)

WD2-I-1 10:10-10:25	Polymer based Dry-type Ion Selective Sensor in Siloxane Bonding for Long-term Biopotential Measurements Jongmin Jang, Byungjik Kim, and Hounkyung Kim <i>Ybrain Research Institute</i>
WD2-I-2 10:25-10:40	Gas Sensitivity Variation with Different Defect Density and Dimensions in Single ZnO Nanowire Gas Sensor Wooju Jeong ¹ , Jun-Sik Yoon ² , Kihyun Kim ² , and Chang-Ki Baek ^{1,2} ¹ <i>Department of Electronic Engineering, Pohang University of Science and Technology,</i> ² <i>Department of Creative IT Engineering, Pohang University of Science and Technology</i>
WD2-I-3 10:40-10:55	Effect of the Polarity of Pre-bias on the Gas Sensing Performance Meile Wu ¹ , Chang-Hee Kim ² , Jongmin Shin ¹ , Yoonki Hong ¹ , Xiaoshi Jin ³ , and Jong-Ho Lee ¹ ¹ <i>Department of Physics and Astronomy, Seoul National University,</i> ² <i>Samsung Advanced Institute of Technology, Samsung Electronics Co., Ltd,</i> ³ <i>College of Information Science and Engineering, Shenyang University of Technology</i>
WD2-I-4 10:55-11:10	Highly Sensitive Pressure Sensors with Microstructured Ionic Gels Sung Hwan Cho, Seung Won Lee, Ihn Hwang, and Cheolmin Park <i>Department of Materials Science and Engineering, Yonsei University</i>
WD2-I-5 11:10-11:25	The Investigation of the Responsivity on Silicon Photodetector Depend on Deposition Technique: LPCVD vs. UHVCVD Sol Yoon ¹ , Kihyun Kim ² , Junsik Yoon ² , and Changki Baek ^{1,2} ¹ <i>Department of Electrical Engineering, Pohang University of Science and Technology,</i> ² <i>Department of Creative IT Engineering, Pohang University of Science and Technology</i>
WD2-I-6 11:25-11:40	Analysis of Optogenetically Generated Absence Seizure with Flexible Multi-Electrode Array Jung Ho Shin, Seung Hyun Lee, Han Eol Lee, and Keon Jae Lee <i>Department of Mat. Sci., KAIST</i>