

The 21st Korean Conference on Semiconductors
제21회 한국반도체학술대회
February 24–26, 2014 / Hanyang University, Seoul, Korea

I. MEMS & Sensors 분과

[WK1-I] Bio Sensor

Date	Feb. 26, 2014 (Wed.)
Place	Room K / 제1공학관 502호 (# 502, Engineering Building I)

Session Chair: 한상욱 박사(KIST),

- WK1-I-1 10:50-11:20 Gyroscopes using Surface Acoustic Waves for High Shock Tolerance**
저자: Sang Sik Yang
소속: Department of Electrical and Computer Engineering, Ajou University
- WK1-I-2 11:20-11:35 Graphene Oxide Coupled Sandwiched Immunoassays Based on Surface Plasmon Resonance Biosensing**
저자: Yeonsoo Ryu, Seyoung Moon, Youngjin Oh, Yonghwi Kim, Taewoong Lee, and Donghyun Kim
소속: School of Electrical and Electronic Engineering, Yonsei University
- WK1-I-3 11:35-11:50 Optical and Electrical Characterization of Hydrogen Peroxide Cytotoxicity using Indium Tin Oxide Electrode**
저자: Yonghyun Choi¹, Jaeyoung Kim², and Sungbo Cho¹
소속: ¹Department of Biomedical Engineering, Gachon University, ²Department of Biological Science, Gachon University
- WK1-I-4 11:50-12:05 Plasma Enhanced Chemical Vapor Deposition of Amine Layer on Polycarbonate**
저자: Dong-Ho Han¹, Jung-Hwan Lee³, Heon-Yul Ryu¹, Si-Hyeong Cho¹, and Jin-Goo Park^{1,2}
소속: ¹Department of Bionano Technology, Hanyang University, ²Department of Materials Engineering, Hanyang University, ³NanoBioSys Inc.