

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

J. Nano-Science & Technology 분과

Room H
육백 I (6층)

2016년 2월 23일(화) 08:30-10:30

[TH1-J] Nanofabrication for Application

좌장 : 김상욱(KAIST), 박원일(한양대학교)

TH1-J-1	08:30-09:00	[초청] Tough Hydrogels & Stretchable Ionics. Jeong-Yun Sun <i>Seoul National University</i>
TH1-J-2	09:00-09:15	Inverse Piezoresistance Effect in Ultra-thin Silicon Nanomembranes Houk Jang, Jaeseok Kim, Hyunyong Choi, and Jong-Hyun Ahn <i>School of Electrical and Electronic Engineering, Yonsei University</i>
TH1-J-3	09:15-09:30	Flash Plasmonic Welding for Ag Nanowire toward High Performance Transparent Energy Harvester Jung Hwan Park, Geon-Tae Hwang, and Keon Jae Lee <i>KAIST</i>
TH1-J-4	09:30-09:45	'Transient Electronics': Biocompatible/Biodegradable Electronic Devices Dissolve in Body, Environment Suk-Won Hwang <i>KU-KIST Graduate School of Converging Science and Technology, Korea University</i>
TH1-J-5	09:45-10:00	Highly Asymmetric n⁺-p Heterojunction Quantum Dot Solar Cells with Significantly Extended Depletion Region Width Min-Jae Choi ¹ , Suncheul Kim ¹ , Hunhee Lim, Byung Tae Ahn ¹ , Jin Young Kim ² , and Yeon Sik Jung ¹ ¹ Department of Materials Science and Engineering, KAIST, ² Fuel Cell Research Center, Korea Institute of Science and Technology
TH1-J-6	10:00-10:15	Topographically-Designed Triboelectric Energy Harvester via Block Copolymer Self-Assembly Hee Seung Wang, Chang Kyu Jeong, and Keon Jae Lee <i>Department of Materials Science and Engineering, KAIST</i>
TH1-J-7	10:15-10:30	The Effects of Rotary Reactor with Wave Bumps in Atomic Layer Deposition: Its Application to the Fabrication of Core/Shell Nanoparticles Sejong Seong, Yong Chan Jung, Taehoon Lee, In-Sung Park, and Jinho Ahn <i>Department of Materials Science and Engineering, Hanyang University</i>