



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

Session Title	Nano Structure/Surface Engineering II	Session Code	We-G2
Date and Time	2018-08-22 / 13:30 - 15:30		
Place	Room G		
Session Chair	TBA		

We-G2-1

13:30 - 14:00

[Invited]Ultrasensitive Low-Cost Nanoporous Composites with a Wide Pressure Sensing Range for Tactile Sensors

Sung Hoon Kang, Jing Li, Santiago Orrego, Junjie Pan, and Peisheng He
Johns Hopkins Univ., USA

We-G2-2

14:00 - 14:30

[Invited]Controlling Wave Transport in Periodic and Quasiperiodic Structures

Kahyun Hur
KIST, Korea

We-G2-3

14:30 - 14:45

Hybridization of Multi-Dimensional Metal-Organic-Frameworks for Heterogeneous Metal Oxide Architectures: Toward Sensitive Chemiresistor

Ji-Soo Jang, Won-Tae Koo, Dong-Ha Kim, and Il-Doo Kim
KAIST, Korea

We-G2-4

14:45 - 15:00

ZnO-based N-p Composite Nanofibers for Hydrogen Gassensors

Jae-Hyoung Lee, Jae-Hun Kim, Jin-Young Kim, and Sang Sub Kim
Inha Univ., Korea

We-G2-5

15:00 - 15:15

Surface Phase Diagram of GaAs(001) Considering the Vibrational Thermal Energy by Ab-Initio Calculation

In Won Yeu¹, Gyuseung Han¹, Cheol Seong Hwang¹, and Jung-Hae Choi²
¹Seoul Nat'l Univ., Korea, ²KIST, Korea

We-G2-6

15:15 - 15:30

Different Bismuth Oxide Nanostructure Grown on Ni-Foam for Supercapacitor Application

Nanasaheb Shinde N M
Pusan Nat'l Univ., Korea