



IUMRS-ICEM 2018

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

Session Title	Nanoscale Materials Engineering	Session Code	Th-H2
Date and Time	2018-08-23 / 13:30 - 15:30		
Place	Room H		
Session Chair	TBA		

Th-H2-1

13:30 - 14:00

[Invited] Fully CMOS-Compatible Synthesis and Photodetector-Integration of Ultrathin, Parallel-Aligned ZnO Nanowire Arrays by Infiltration Synthesis

Chang-Yong Nam
Brookhaven Nat'l Laboratory, USA

Th-H2-2

14:00 - 14:30

[Invited] Self-Assembled Molecular Monolayer Doping for Single Atom Control

Yaping Dan
Shanghai Jiao Tong Univ., China

Th-H2-3

14:30 - 15:00

[Invited] Electronic Device Applications of Graphene for Future Semiconductor Technology

Byoung Hun Lee, Yunji Kim, Taejin Yoo, Soyoung Kim, Hyunjune Hwang, and Sangkyung Lee
GIST, Korea

Th-H2-4

15:00 - 15:30

[Invited] Hybridization of Multiple Device Functions using Monolithic 3-Dimensional Integration

Rino Choi
Inha Univ., Korea