



IUMRS-ICEM 2018

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

Session Title	Device Applications of 2D Materials	Session Code	We-E2
Date and Time	2018-08-22 / 13:30 - 15:30		
Place	Room E		
Session Chair	TBA		

We-E2-1

13:30 - 14:00

[Invited] Novel Graphene Sensors for Wearable Applications

Xiao Liu, Yu-Xing Li, Pang Yu¹, Ning-Qin Deng, Yu-Tao Li, Lu-Qi Tao, Tian He, Yi Yang, and Tian-Ling Ren
Tsinghua Univ., China

We-E2-2

14:00 - 14:30

[Invited] Graphene and 2D Materials for Display Applications

Ick-Joon Park, Youngjun Woo, Gi Woong Shim, Woonggi Hong, Sang Yoon Yang, and Sung-Yool Choi
KAIST, Korea

We-E2-3

14:30 - 15:00

[Invited] High Performance Two Dimensional Materials Transistors

Lei Liao
Hunan Univ., China

We-E2-4

15:00 - 15:15

WS₂ Nanosheets-based Gas Sensors

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

We-E2-5

15:15 - 15:30

Physically Switchable Graphene Electro-Optic Modulators for Reconfigurable Optical Multicast

Sungjae Lee^{1,2}, Jin Tae Kim³, and Yong-Won Song^{1,2}
¹KIST, Korea, ²UST, Korea, ³ETRI, Korea