



IUMRS-ICEM 2018

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

Session Title	2D Materials Growth & Characterization	Session Code	Mo-E3
Date and Time	2018-08-20 / 16:00 - 18:00		
Place	Room E		
Session Chair	TBA		

Mo-E3-1

16:00 - 16:30

[Invited] Growth and Processing of 2D TMDCs for Future Electronic Applications

Swee-Liang Wong, Weifeng Yang, Shijie Wang, and Dongzhi Chi
IMRE, Singapore

Mo-E3-2

16:30 - 17:00

[Invited] Synthesis of Wafer-Scale 2-Dimensional Metal Chalcogenide Films

Changgu Lee
Sungkyunkwan Univ., Korea

Mo-E3-3

17:00 - 17:15

Wafer-Scale MoS₂ Monolayer Grown on SiO₂/Si Substrate by Modified Atomic Layer Deposition

Dae Hyun Kim, Dae Woong Kim, Tea Jun Seok, Hyun Soo Jin, and Tae Joo Park
Hanyang Univ., Korea

Mo-E3-4

17:15 - 17:30

Electronic Band Structure Study of Millimeter-sized Mono-Layer WSe₂ using Angle-Resolved Photoemission Spectroscopy

Guodong Liu, Wenjuan Zhao, Yuan Huang, Cong Li, Ying Ding, Yu Xu, Yong Hu, and Xingjiang Zhou
CAS, China

Mo-E3-5

17:30 - 17:45

Crystallization of Amorphous Carbon to Synthesize Graphene through Thermal Annealing

Hanchao Li^{1,2}, Jing Wei¹, and Aiyong Wang¹
¹CAS, China ²ShanghaiTech Univ., China

Mo-E3-6

17:45 - 18:00

SnS₂-Coated SiO₂ Nanorods for Highly Sensitive NO₂ Sensor at Room Temperature with Excellent Recovery

Jun Min Suh¹, Ki Chang Kwon¹, Kyung Soon Choi², Seung-Pyo Hong¹, Tae Hyung Lee¹, Kootak Hong¹, Chung Won Lee¹, Young Geun Song³, Young-Seok Shim³, and Ho Won Jang¹
¹Seoul Nat'l Univ., Korea, ²KBSI, Korea, ³KIST