



IUMRS-ICEM 2018

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

Session Title	2D Materials & Electronic Properties	Session Code	Tu-E2
Date and Time	2018-08-21 / 13:30 - 15:30		
Place	Room E		
Session Chair	TBA		

Tu-E2-1

13:30 - 14:00

[Invited] Ultrathin 2D Nanosheets for Electron Device Applications

Seongil Im
Yonsei Univ., Korea

Tu-E2-2

14:00 - 14:30

[Invited] Fermi Level Pinning of Two Dimensional Materials

Won Jong Yoo
Sungkyunkwan Univ., Korea

Tu-E2-3

14:30 - 15:00

[Invited] Novel 2D Interface with Silicon, Graphene, Transition Metal Dichalcogenides and Ca₂N

Heejun Yang
Sungkyunkwan Univ., Korea

Tu-E2-4

15:00 - 15:15

Thickness Dependent Fermi Level De-Pinning of One-Dimensional Edge Contact to MoS₂

Changsik Kim, Kwang young Lee, Kwangro Lee, and Won Jong Yoo
Sungkyunkwan Univ., Korea

Tu-E2-5

15:15 - 15:30

Improving the Stability of High-Performance Multilayer MoS₂ Field-Effect Transistors by O₂ Plasma Treatment and Al₂O₃ Passivation

Na Liu, Jeong Hun Kim, Soo Ho Choo, Naqi Siddiqi, and Sunkook Kim
Sungkyunkwan Univ., Korea