



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Theoretical Approaches</b>	<b>Session Code</b>	<b>Tu-E1</b>
<b>Date and Time</b>	<b>2018-08-21 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room E</b>		
<b>Session Chair</b>	<b>TBA</b>		

Tu-E1-1

10:30 - 11:00

**[Invited] Collective Phenomena and Topological Properties of 2D Crystals**

Young-Woo Son  
KIAS, Korea

Tu-E1-2

11:00 - 11:30

**[Invited] Electron Transport Behaviors in 2D Materials and Their Potential Applications—from Theoretical Perspective**

Gengchiao Liang  
Nat'l Univ. of Singapore, Singapore

Tu-E1-3

11:30 - 12:00

**[Invited] 2D Materials: New Opportunities for Electronic and Optoelectronic Devices**

Youngki Yoon<sup>1</sup> and Sunkook Kim<sup>2</sup>  
<sup>1</sup>Univ. of Waterloo, Canada, <sup>2</sup>Sungkyunkwan Univ., Korea

Tu-E1-4

12:00 - 12:30

**[Invited] Dirac Electrons in Moire Super-Lattice**

Hong Guo, Chen Hu, and Vincent Michaud-Rioux  
McGill Univ., Canada