



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Growth of 2D Materials II</b>	<b>Session Code</b>	<b>Th-E2</b>
<b>Date and Time</b>	<b>2018-08-23 / 13:30 - 15:30</b>		
<b>Place</b>	<b>Room E</b>		
<b>Session Chair</b>	<b>TBA</b>		

Th-E2-1

13:30 - 14:00

**[Invited] Controlled Synthesis of High-Quality 2D Materials for Electronic and Photonic Applications**

Hiroki Ago  
Kyushu Univ., Japan

Th-E2-2

14:00 - 14:30

**[Invited] Wafer-Scale Synthesis of Monolayer WS<sub>2</sub> by Enhanced Chemical Vapor Deposition for High-Performance Flexible Photodetectors**

Changyong Lan and Johnny Chung Yin Ho  
City Univ. of Hong Kong, China

Th-E2-3

14:30 - 15:00

**[Invited] Arrays of Size-Controlled Uniform Graphene Quantum Dots Embedded in Monolayer Hexagonal Boron Nitride**

Hyeon Suk Shin  
UNIST, Korea

Th-E2-4

15:00 - 15:15

**Water-Assisted Direct Transfer of Molybdenum Di-Sulfide for Large-Area Flexible Devices**

Sachin Maruti Shinde, Tanmoy Das, Anh Tuan Hoang, and Jong-Hyun Ahn  
Yonsei Univ., Korea

Th-E2-5

15:15 - 15:30

**Defect-Free Graphene Synthesized Directly at 150°C via Chemical Vapor Deposition without Transfer**

Byeong-Ju Park and Soon-Gil Yoon  
Chungnam Nat'l Univ., Korea