

# Joint International Conference on The 8th ICMAP & The 9th ISFM

January 17-20, 2021 | Online Conference

<b>[MB2] 2D Materials and Their Application to Nano/Micro Devices IV</b>	
<b>Date / Time</b>	January 18 (Mon.), 2021 / 14:10-15:40
<b>Place</b>	Channel B
<b>Session Chair(s)</b>	Tae Sung Kim (Sungkyunkwan Univ., Korea) Joo Hoon Kang (Sungkyunkwan Univ., Korea)

## **[MB2-1] Invited**

**14:10-14:40**

### **Energy Applications of 2D TMD FETs and Diodes Fabricated Using Plasma Processes**

Seongil Im

*Yonsei Univ., Korea*

## **[MB2-2]**

**14:40-15:00**

### **Precursor-Assisted Chemical Welding for High-Performance Broadband Photodetectors**

Jihyun Kim<sup>1</sup>, Seongchan Kim<sup>1</sup>, Yunseong Cho<sup>1</sup>, Minseok Choi<sup>1</sup>, Suho Jung<sup>1</sup>, Jeongho Cho<sup>2</sup>, Dongmok Whang<sup>1</sup>, and Jooheon Kang<sup>1</sup>

<sup>1</sup>Sungkyunkwan Univ., Korea, <sup>2</sup>Yonsei Univ., Korea

## **[MB2-3]**

**15:00-15:20**

### **Graphene Edge Contact Devices Fabricated via Plasma Etching**

Sungwon Lee, Inyong Moon, Tien Dat Ngo, Myeongjin Lee, Kwangro Lee, Hoseong Shin, and Won Jong Yoo

*Sungkyunkwan Univ., Korea*

## **[MB2-4]**

**15:20-15:40**

### **Modification of MoS<sub>2</sub> Surface by Inductively Coupled Remote Plasma**

Ji Eun Kang, Ki Hyun Kim, You Jin Ji, and Geun Young Yeom

*Sungkyunkwan Univ., Korea*