

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

January 17-20, 2021 | Online Conference

## [SB2] 2D Materials and Their Application to Nano/Micro Devices II

Date / Time	January 17 (Sun.), 2021 / 16:20-18:10
Place	Channel B
Session Chair(s)	Taesung Kim (Sungkyunkwan Univ., Korea)

### [SB2-1] Invited

16:20-16:50

#### Plasma Etching: an Enabler to Better Concentrated Photovoltaics Systems

Maxime Darnon<sup>1,2</sup>, Mathieu de Lafontaine<sup>1,2</sup>, Pierre Albert<sup>1,2</sup>, Gwenaelle Hamon<sup>1,2</sup>, Maité Volatier<sup>1</sup>, Vincent Aimez<sup>1</sup>, Erwine Pargon<sup>2</sup>, and Abdelatif Jaouad<sup>1</sup>

<sup>1</sup>Univ. De Sherbrooke, Canada, <sup>2</sup>CNRS, France

### [SB2-2]

16:50-17:10

#### Battery-Free Tribotronic MoS<sub>2</sub> Touch Memory for Post-Impact Detection

Jae-Hwan Jung and Sang-Woo Kim

*Sungkyunkwan Univ., Korea*

### [SB2-3]

17:10-17:30

#### Roughness Engineering of 2D-Material-Based Electrical Contacts

Sneha Banerjee<sup>1</sup>, Liemao Cao<sup>2</sup>, Yee Sin Ang<sup>2</sup>, L. K. Ang<sup>2</sup>, and Peng Zhang<sup>1</sup>

<sup>1</sup>Michigan State Univ., USA, <sup>2</sup>Singapore Univ. of Tech. and Design, Singapore

### [SB2-4]

17:30-17:50

#### Contact Resistance Measurements of 2D Materials by Using TLM

Zheng Yang, Tien Dat Ngo, Myeongjin Lee, and Won Jong Yoo

*Sungkyunkwan Univ., Korea*

### [SB2-5]

17:50-18:10

#### Interfacial Adhesion between Large-Area Monolayer Graphene and SiO<sub>2</sub>/Si

Yonas Tsegaye Megra and Ji Won Suk

*Sungkyunkwan Univ., Korea*