



<b>[WeAM-04] 2D Materials and Novel Applications</b>	
<b>Date / Time</b>	Aug. 29 (Wed.), 2018 / 10:00-12:00
<b>Place</b>	Samda A (Room C)
<b>Session Chair</b>	Maeng-Je Seong (Chung-Ang University, Korea)

**[WeAM-04-I-1] (Invited) 10:00-10:20**

**Transition Metal Dichalcogenide Nanosheets with Artificial Recognition Phases for the Raman Detection of Pathogens**  
Tae Woog Kang, Juhee Han, Sin Lee, Injun, Hwang, Chahee Choi, and Jong-Ho Kim  
*Hanyang University, Korea*

**[WeAM-04-O-2] 10:20-10:35**

**Raman Enhancement and Plasmon-Driven Reactions on 2D Materials**  
Peng Miao and Ping Xu  
*Harbin Institute of Technology, China*

**[WeAM-04-O-3] 10:35-10:50**

**Raman Measurements of SnS<sub>(1-x)</sub>Se<sub>x</sub> Alloys**  
Tharith Sriv<sup>1</sup>, Hai Thi Minh Nguyen<sup>2</sup>, Sunglae Cho<sup>2</sup>, and Hyeonsik Cheong<sup>1</sup>  
<sup>1</sup>*Sogang University, Korea*, <sup>2</sup>*University of Ulsan, Korea*

**[WeAM-04-O-4] 10:50-11:05**

**2D COS Solves the Carbon Nanofibers Genotoxicity Puzzle**  
Aleksandra Weselucha-Birczyńska<sup>1</sup>, Elżbieta Długoń<sup>2</sup>, Agnieszka Panek<sup>3</sup>, Czesława Paluszkiewicz<sup>3</sup>,  
and Marta Błażewicz<sup>2</sup>  
<sup>1</sup>*Jagiellonian University, Poland*, <sup>2</sup>*AGH-University of Science and Technology, Poland*, <sup>3</sup>*Polish Academy of Sciences, Poland*

**[WeAM-04-O-5] 11:05-11:20**

**Microstructuring of a Super-Protonic Conductor: A New Electrolyte Based on Strong Acid Hydrates**  
S. Desplanche<sup>1</sup>, D. Talaga<sup>1</sup>, F. Mauvy<sup>2</sup>, P. Judeinstein<sup>3</sup>, L. Bourgeois<sup>1</sup>, and A. Desmedt<sup>1</sup>  
<sup>1</sup>*GSM-ISM, France*, <sup>2</sup>*ICMCB, France*, <sup>3</sup>*LLB, France*

**[WeAM-04-K-6] (Keynote) 11:20-11:50**

**Surface Science of 2-Dimensional Crystals Probed by Optical Spectroscopy**  
Sunmin Ryu  
*POSTECH, Korea*