



[WeAM-04] 2D Materials and Novel Applications

Date / Time Aug. 29 (Wed.), 2018 / 10:00-12:00

Place Samda A (Room C)

[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 $\text{SnS}_{(1-x)}\text{Se}_x$ Alloys

Tharith Sriv¹, Hai Thi Minh Nguyen², Sunglae Cho², and Hyeonsik Cheong¹
¹Sogang University, Korea, ²University of Ulsan, Korea

[WeAM-04-O-4]

10:50-11:05

2D COS Solves the Carbon Nanofibers Genotoxicity Puzzle

Aleksandra Weselucha-Birczyńska¹, Elżbieta Długoń², Agnieszka Panek³, Czesława Paluszkiwicz³, and Marta Błazewicz²
¹Jagiellonian University, Poland, ²AGH-University of Science and Technology, Poland, ³Polish Academy of Sciences, Poland

[WeAM-04-O-5]

11:05-11:20

Microstructuration of a Super-Protonic Conductor: A New Electrolyte Based on Strong Acid Hydrates

S. Desplanche¹, D. Talaga¹, F. Mauvy², P. Judeinstein³, L. Bourgeois¹, and A. Desmedt¹
¹GSM-ISM, France, ²ICMCB, France, ³LLB, France

[WeAM-04-K-6] (Keynote)

11:20-11:50

Surface Science of 2-Dimensional Crystals Probed by Optical Spectroscopy

Sunmin Ryu
POSTECH, Korea