

[ThPM2-04] 2D Materials (Novel Phenomena)	
Date / Time	Aug. 30 (Thu.), 2018 / 16:45-18:45
Place	Samda A (Room C)
Session Chair	Hyeonsik Cheong (Sogang University, Korea)

[ThPM2-04-I-1] (Invited) 16:45-17:05

Ultrafast Charge Transfer in 2D Semiconductors and Heterostructures

Qihua Xiong

¹Nanyang Technological University, Singapore, ²CNRS-UCA-SU-NUS-NTU International Joint Research Unit, Singapore

[ThPM2-04-O-2] 17:05-17:20

Probing the Phonon and Electron in Layered Black Phosphorus Using Raman Spectroscopy

Xi Ling

Boston University, USA

[ThPM2-04-O-3] 17:20-17:35

Polarized Raman Spectroscopy with Differing Angles of Laser Incidence on Single Layer 2D Materials

Hyun-Jae Ahn¹, Gaeun Heo¹, Yumin Sim¹, V. Senthilkumar², Chinh Tam Le², Yong Seung Kim³, Seung-Hyun Chun³, Yong Soo Kim², Maeng-Je Seong¹

¹Chung-Ang University, Korea, ²University of Ulsan, ³Sejong University, Korea

[ThPM2-04-O-4] 17:35-17:50

On the Different Effect of Alloying on the Raman Scattering of Intralayer vs. Interlayer Modes in $\text{Mo}_x\text{W}_{(1-x)}\text{S}_2$

Tsachi Livneh¹, Dumitru O. Dumcenco², Eran Sterer¹, and Iddo Pinkas³

¹NRCN, Israel, ²University of Geneva, Switzerland, ³Weizmann Institute, Israel

[ThPM2-04-O-5] 17:50-18:05

Confocal Raman Spectroscopic Study on Minerals in Chondrite

Sun Young Park¹, Changkun Park¹, Jong Ik Lee¹, and Minjung Son²

¹Korea Polar Research Institute, Korea, ²Thermo Fisher Scientific, Korea

[ThPM2-04-K-6] (Keynote) 18:05-18:35

Polarization Resolved Raman Scattering of H and T' Layered Transition Metal Di-Chalcogenides

Shao-Yu Chen, Thomas Goldstein and Jun Yan

University of Massachusetts Amherst, USA