

<b>[MoPM2-04] 2D Materials (Strain and External Perturbations)</b>	
<b>Date / Time</b>	Aug. 27 (Mon.), 2018 / 16:45-18:45
<b>Place</b>	Samda A (Room C)
<b>Session Chair</b>	Marcos A. Pimenta (Universidade Federal de Minas Gerais, Brazil)

**[MoPM2-04-I-1] (Invited) 16:45-17:05**

**Strain-Shear Coupling in Bilayer Two-Dimensional Crystals**

Young-Woo Son

*Korea Institute for Advanced Study, Korea*

**[MoPM2-04-I-2] (Invited) 17:05-17:25**

**Probing Static and Dynamic Strain in Graphene Electromechanical Systems Using Raman Spectroscopy**

Xin Zhang<sup>1</sup>, Kevin Makles<sup>1,2</sup>, Dominik Metten<sup>1</sup>, Hicham Majjad<sup>1</sup>, Pierre Verlot<sup>2</sup>, and Stéphane Berciaud<sup>1</sup>

<sup>1</sup>Université de Strasbourg, France, <sup>2</sup>Université Claude Bernard Lyon, France

**[MoPM2-04-I-3] (Invited) 17:25-17:45**

**Theoretical Insights into Raman Spectra of 2D Layered Materials and Heterostructures**

Su Ying Quek

*National University of Singapore, Singapore*

**[MoPM2-04-O-4] 17:45-18:00**

**Quantitative Measurement of Stress State on Silicon by Raman Spectroscopy**

Lu-lua Ma<sup>1</sup>, Qiu Li<sup>2</sup>, and Wei Qiu<sup>1</sup>

<sup>1</sup>Tianjin University, China, <sup>2</sup>Tianjin University of Technology and Education, China

**[MoPM2-04-O-5] 18:00-18:15**

**Chemical Visualization of 2D Materials with Correlative Microscopy**

Ute Schmidt<sup>1</sup>, Hailong Hu<sup>2</sup>, Keiichi Nakamoto<sup>3</sup>, Matthias Kress<sup>1</sup>, and Olaf Hollricher<sup>1</sup>

<sup>1</sup>WITec GmbH, Germany, <sup>2</sup>WITec Beijing Representative Office, China, <sup>3</sup>WITec KK, Japan

**[MoPM2-04-K-6] (Keynote) 18:15-18:45**

**Strain Effects on Graphene and MoS<sub>2</sub> Layers Investigated by Raman Spectroscopy**

Antonio G. Souza Filho

*Universidade Federal do Ceará, Brazil*