



## [MoAM-03] Analytical Raman Techniques / Instrumentations-01

**Date / Time** Aug. 27 (Mon.), 2018 / 10:00-12:00

**Place** Halla B (Room B)

**[MoAM-03-K-1] (Keynote) 10:00-10:30**

### **Dissecting the Metastatic Cascade with Label-free Vibrational Spectroscopy**

Ishan Barman

Johns Hopkins University, USA

**[MoAM-03-I-2] (Invited) 10:30-10:50**

### **Stress-Induced Crystal Transition of Poly(Butylene Succinate) Studied by Terahertz and Low-frequency Raman Spectroscopy**

Harumi Sato

Kobe University, Japan

**[MoAM-03-I-3] (Invited) 10:50-11:10**

### **Multiorder Stimulated Raman Scattering in Colliding Droplet**

Kosuke Negishi and Jun-ya Kohno

Gakushuin University, Japan

**[MoAM-03-O-4] 11:10-11:25**

### **Study of Polymer/Metal Interface Using AFM-based Vibrational Nanoscopy**

Yasuhiko Fujita, Masataka Murakami, and Masanobu Yoshikawa

Toray Research Center, Inc., Japan

**[MoAM-03-O-5] 11:25-11:40**

### ***In-situ* High Temperature Raman Spectroscopic Study on the Micro-Structure of Binary Na<sub>2</sub>O-TiO<sub>2</sub> Melts**

Jinglin You<sup>1</sup>, Lei Xu<sup>1</sup>, Kai Tang<sup>2</sup>, Min Wang<sup>1</sup>, and Jian Wang<sup>1</sup>

<sup>1</sup>Shanghai University, China, <sup>2</sup>SINTEF Materials and Chemistry, Norway

**[MoAM-03-O-6] 11:40-11:55**

### **Understanding Phase Transformation Induced Stability in Organometallic Halide Perovskites, via Low-Frequency Raman Spectroscopy and Transient Lifetime Measurements**

Vinayaka Harshothama Damle, Laxman Gouda, Basanth S. Kalanoor, Arie Zaban, and Yaakov R. Tischler

Bar-Ilan University, Israel