



## [MoPM2-03] Analytical Raman Techniques / Instrumentations-03

**Date / Time** Aug. 27 (Mon.), 2018 / 16:45-18:45

**Place** Halla B (Room B)

### [MoPM2-03-K-1] (Keynote)

16:45-17:15

#### Micro-Scale Spatially Offset Raman Spectroscopy (Micro-SORS)

Pavel Matousek<sup>1</sup>, Claudia Conti<sup>2</sup>, Alessandra Botteon<sup>2</sup>, Chiara Colombo<sup>2</sup>, and Marco Realini<sup>2</sup>

<sup>1</sup>Rutherford Appleton Laboratory, U.K., <sup>2</sup>Istituto per la Conservazione e la Valorizzazione dei Beni Culturali (ICVBC), Italy

### [MoPM2-03-I-2] (Invited)

17:15-17:35

#### Development of Standoff Deep UV Resonance Raman Determination of Trace Explosives

Sanford A. Asher, Sergei Bykov, and Kyle Hufziger

University of Pittsburgh, USA

### [MoPM2-03-O-3]

17:35-17:50

#### Experimental Set-Up for the Design of Deep Ultraviolet Raman Spectroscopic Applications for Standoff Detection of Hazardous Substances

Frank Duschek, Emanuela Gallo, Christoph Kölbl, Anja Köhntopp, and Arne Walter

Institute of Technical Physics, Germany

### [MoPM2-03-O-4]

17:50-18:05

#### Non-destructive Testing of Packaged Meat Products Based on Raman Scattering Image Technique

ZhenFang Liu, Min Huang, and Qibing Zhu

Jiangnan University, China

### [MoPM2-03-O-5]

18:05-18:20

#### Applications of Raman Spectroscopy in Deep Ocean *In-situ* Detection

Xin Zhang<sup>1,2,3</sup>, Zengfeng Du<sup>1</sup>, Zhendong Luan<sup>1,2</sup>, Shichuan Xi<sup>1,3</sup>, Lianfu Li<sup>1,3</sup>, Bing Wang<sup>1,3</sup>, Lei Cao<sup>1</sup>, Chao Lian<sup>1</sup>, and Jun Yan<sup>1</sup>

<sup>1</sup>Chinese Academy of Sciences, China, <sup>2</sup>Qingdao National Laboratory for Marine Science and Technology, China, <sup>3</sup>University of Chinese Academy of Sciences, China

### [MoPM2-03-O-6]

18:20-18:35

#### Raman Lidar Spectrometer for Characterising the Chemical Composition of Air Pollution

Boyan Tatarov, Detlef Müller, Matthias Tesche, and Sung-Kyun Shin

University of Hertfordshire, U.K.