



## [ThAM-02] Stimulated Raman Scattering

**Date / Time** Aug. 30 (Thu.), 2018 / 10:00-12:00

**Place** 301 (Room E)

### [ThAM-02-K-1] (Keynote)

10:00-10:30

#### Stimulated Raman Scattering with Broadband Detection

Vikas Kumar, Francesco Saltarelli, Marco Marangoni, Dario Polli, and Giulio Cerullo  
Politecnico di Milano, Italy

### [ThAM-02-I-2] (Invited)

10:30-10:50

#### Selective Suppression of Stimulated Raman Scattering

Doyeon Kim<sup>1,2</sup>, Dae Sik Choi<sup>3</sup>, Jiwoong Kwon<sup>1</sup>, Hanju Rhee<sup>4</sup>, Minhaeng Cho<sup>1,2</sup>, and Sang-Hee Shim<sup>1,2</sup>  
<sup>1</sup>Institute for Basic Science, Korea, <sup>2</sup>Korea University, Korea, <sup>3</sup>Korea Institute of Industrial Technology, Korea, <sup>4</sup>Korea Basic Science Institute, Korea

### [ThAM-02-O-3]

10:50-11:05

#### Unravelling Vibronic Couplings during Ultrafast Chemical Reactions by 2D-Impulsive Stimulated Raman Spectroscopy

G. Fumero<sup>1</sup>, C. Schnedermann<sup>2</sup>, G. Batignani<sup>1</sup>, T. Wende<sup>2</sup>, C. Ferrante<sup>1,3</sup>, S. Mukamel<sup>4</sup>, P. Kukura<sup>2</sup>, and T. Scopigno<sup>1,3</sup>  
<sup>1</sup>Università di Roma "La Sapienza", Italy, <sup>2</sup>University of Oxford, U.K., <sup>3</sup>Center for Life Nano Science@Sapienza, Italy, <sup>4</sup>University of California, USA

### [ThAM-02-O-4]

11:05-11:20

#### Multimodal Stimulated Raman Spectroscopy and Optical Coherence Tomography System

Andrii Prylepa, Elisabeth Leiss-Holzinger, Christian Rankl, and Markus Brandstetter  
RECENDT - Research Center for Non-Destructive Testing GmbH, Austria

### [ThAM-02-O-5]

11:20-11:35

#### Detection and Identification of Environmental Microplastics Using Stimulated Raman Scattering Microscopy

Liron Zada<sup>1</sup>, Thijs Oussoren<sup>1</sup>, Heather A. Leslie<sup>1</sup>, A. Dick Vethaak<sup>1,2</sup>, Johannes F. de Boer<sup>1</sup>, and Freek Ariese<sup>1</sup>  
<sup>1</sup>Vrije Universiteit Amsterdam, The Netherlands, <sup>2</sup> Marine and Coastal Systems, The Netherlands