



[MoAM-02] Time-Resolved Vibrational Spectroscopy 1: Femtosecond Stimulated Raman

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

Place 301 (Room E)

[MoAM-02-K-1] (Keynote) 10:00-10:30

Applications of Femtosecond Stimulated Raman Microscopy in Polymer Science

Jakob Nixdorf and Peter Gilch

HHU Düsseldorf, Germany

[MoAM-02-I-2] (Invited) 10:30-10:50

Two-Dimensional Electronic-Raman Spectroscopy

Zhengyang Zhang, Adriana Huerta-Viga, and Howe-Siang Tan

Nanyang Technological University, Singapore

[MoAM-02-I-3] (Invited) 10:50-11:10

A Femtosecond Stimulated Raman Spectroscopy Study of Excited State Dynamics in Molecular Rotary Motors

Christopher R. Hall^{1,3}, Stephen R. Meech¹, Wesley R. Hall², and Ben L. Feringa²

¹University of East Anglia, U.K., ²University of Groningen, The Netherlands, ³The University of Melbourne, Australia

[MoAM-02-I-4] (Invited) 11:10-11:30

Time-resolved Absorption and Stimulated Raman Spectroscopy in Near-IR Reveals How Electronic and Vibrational Relaxation Proceeds in β -Carotene and Its Derivatives

Tomohisa Takaya, Masato Anan, and Koichi Iwata

Gakushuin University, Japan

[MoAM-02-O-5] 11:30-11:55

Stimulated Raman Scattering Enhanced With a Sub-Wavelength Planar TiN Antenna

Kharintsev S.S.¹, Kharitonov A.V.¹, and Kazarian S.G.²

¹Kazan Federal University, Russia, ²Imperial College London, U.K.

[MoAM-02-O-6] 11:55-12:10

Spectral Watermarking Approach to Stimulated Raman Spectroscopy in Photosynthesis and Biological Photoswitches

Miroslav Klotz¹, Alessandra Picchiotti¹, Nils Lenngren¹, Gustavo Fuertes Vives², Yusaku Hontani³, Tomas Polivka⁴, Mahendra Shuklam⁵, Roman Sobotka⁵, and John TM Kennis³

¹ELI-Beamlines, Institute of Physics, Czech Republic, ²Institute of Biotechnology CAS, Czech Republic, ³Vrije Universiteit, The Netherlands, ⁴University of South Bohemia, Czech Republic, ⁵Academy of Sciences of the Czech Republic, Czech Republic