



<b>[TuAM-02] Vibrational Microscopy 1: Coherent and Stimulated Raman</b>	
<b>Date / Time</b>	Aug. 28 (Tue.), 2018 / 10:00-12:00
<b>Place</b>	301 (Room E)
<b>Session Chair</b>	Howe-Siang Tan (Nanyang Technological University, Singapore)

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

**A New Switching-Off Mechanism for Enhanced Resolution of Coherent Raman Imaging**

Minhaeng Cho<sup>1,2</sup>

<sup>1</sup>Institute for Basic Science (IBS), Korea, <sup>2</sup>Korea University, Korea

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

**Single-Scan Measurement of the 3D Angles and the Orientation Parameter of Molecular Orientation**

Young Jong Lee

National Institute of Standards & Technology, USA

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

**Time-Resolved SHG Microscopy on Atomically Thin MoS<sub>2</sub>**

Hyunmin Kim

DGIST, Korea

**[TuAM-02-O-4] 11:10-11:25**

**Manipulating Impulsive Stimulated Raman Spectroscopy with a Chirped Probe Pulse**

Lorenzo Monacelli<sup>1</sup>, Giovanni Batignani<sup>1</sup>, Giuseppe Fumero<sup>1</sup>, Carino Ferrante<sup>1,2</sup>, Shaul Mukamel<sup>3</sup>, and Tullio Scopigno<sup>1,2</sup>

<sup>1</sup>Università di Roma "La Sapienza", Italy, <sup>2</sup>Center for Life Nano Science, Italy, <sup>3</sup>University of California, USA

**[TuAM-02-O-5] 11:25-11:40**

**Multimodal Nonlinear Imaging for Label-Free Monitoring of Inflammation**

Hyeonsoo Bae<sup>1,2,3</sup>, Tobias Meyer<sup>2,3</sup>, Gregor Matz<sup>4</sup>, Bernhard Messerschmidt<sup>4</sup>, Tatiana Kirchberger-Tolstik<sup>1</sup>,

Thomas Bocklitz<sup>2,3</sup>, Michael Schmitt<sup>3</sup>, Andreas Stallmach<sup>1</sup>, Ute Neugebauer<sup>1,2</sup>, and Jürgen Popp<sup>2,3</sup>

<sup>1</sup>Jena University Hospital, Germany, <sup>2</sup>Leibniz Institute of Photonic Technology, Germany, <sup>3</sup>Friedrich Schiller University, Germany, <sup>4</sup>Grintech GmbH, Germany