



<b>[ThAM-03] Analytical Raman Techniques/ Instrumentations-08</b>	
<b>Date / Time</b>	Aug. 30 (Thu.), 2018 / 10:00-12:00
<b>Place</b>	Halla B (Room B)
<b>Session Chair</b>	Hoeil Chung (Hanyang University, Korea)

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

**Water as a Mediator and Reporter of Biological Adhesion**

Tasha Jarisz, Sandra Roy, and Dennis Hore

*University of Victoria, Canada*

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

**Computations of Vibrational Optical Activity of Small and Large Peptides**

Jiří Kessler, Jakub Jungwirth, Jiří Průša, and Petr Bouř

*Czech Technical University, Czech*

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

**Single-Cell Raman Spectroscopy for Probing Antibiotic Resistant Bacteria and N<sub>2</sub>-Fixing Bacteria in Environmental Communities**

Li Cui<sup>1</sup>, Kai Yang<sup>1,2</sup>, Hong-Zhe Li<sup>1,2</sup>, and Yong-Guan Zhu<sup>1</sup>

<sup>1</sup>*Chinese Academy of Sciences, China*, <sup>2</sup>*University of Chinese Academy of Sciences, China*

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

**From Lab to Lake: Spectroscopic Analysis of New Zealand 'Lake Snow'**

Ruth Eloisa Sales<sup>1</sup>, Sara J. Miller<sup>1</sup>, Marc Schallenberg<sup>1</sup>, Phil Novis<sup>2</sup>, and Keith C. Gordon<sup>1</sup>

<sup>1</sup>*University of Otago, New Zealand*, <sup>2</sup>*Landcare Research, New Zealand*

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

**Raman Spectroscopy of Eye Tissue to Aid Diagnostics**

C. Banbury, A. Logan, A. Belli, I. Styles, N. Eisenstein, and P. Goldberg Oppenheimer

*University of Birmingham, U.K.*

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

**Application of Time-Resolved Raman Spectrum of Water to the Quantitative Analysis of Uranium in Aqueous Solutions**

Euo Chang Jung, Hye-Ryun Cho, Hee-Kyung Kim, Tae-Hyeong Kim, and Wansik Cha

*KAERI, Korea*