



[ThAM-03] Analytical Raman Techniques/ Instrumentations-08

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

Place Halla B (Room B)

[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

Academy of Sciences, Czech Republic

[ThAM-03-I-3] (Invited)

10:50-11:10

Single-cell Raman Spectroscopy for Probing Antibiotic Resistant Bacteria and N₂-fixing Bacteria in Environmental Communities

Li Cui¹, Kai Yang^{1,2}, Hong-Zhe Li^{1,2}, and Yong-Guan Zhu¹

¹Chinese Academy of Sciences, China, ²University 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 Sales¹, Sara J. Miller¹, Marc Schallenberg¹, Phil Novis², and Keith C. Gordon¹

¹University of Otago, New Zealand, ²Landcare 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