



[MoPM1-03] Analytical Raman Techniques / Instrumentations-02

Date / Time Aug. 27 (Mon.), 2018 / 14:30-16:30

Place Halla B (Room B)

[MoPM1-03-I-1] (Invited)

14:30-14:50

Application of Coherent Raman Scattering Microscopy to Dermatology: Visualization of Intracellular Morphology of Human Epidermis

Mariko EGAWA

Shiseido Global Innovation Center, Japan

[MoPM1-03-I-2] (Invited)

14:50-15:10

Defining a Strategy for Faster Imaging

Sung Joon Oh and Jinyoung Hwang

LG Chem R&D Campus, Korea

[MoPM1-03-I-3] (Invited)

15:10-15:30

Macro-Scale Raman Imaging and Spectroscopy Technologies for Food Safety and Quality Evaluation

Moon S. Kim, Jianwei Qin, Kuanglin Chao, Sagar Dhakal, and Walter F. Schmidt

Beltsville Agricultural Research Center, USA

[MoPM1-03-O-4]

15:30-15:45

Raster-Scanning Raman Micro-crystallography

Oleksii Ilchenko¹, Roman Slipets¹, Andrii Kutsyk², and Anja Boisen¹

¹Technical University of Denmark, Denmark, ²Taras Shevchenko National University of Kyiv, Ukraine

[MoPM1-03-O-5]

15:45-16:00

Fast and Flexible Holographic Optical Trapping (HOT)- Spontaneous Raman Micro-spectroscopy

Faris Sinjab^{1,2}, Hany M. Elsheikha¹, Dennis Awuah¹, Graham Gibson³, Miles Padgett³, Amir M. Ghaemmaghami¹, and Ioan Notingher¹

¹University of Nottingham, U.K., ²University of Tokyo, Japan, ³University of Glasgow, U.K.

[MoPM1-03-O-6]

16:00-16:15

3D Holographic Raman Imaging

Matz Liebel¹, Nicolás C. P. Pérez², Ramon A. Alvarez-Puebla^{2,3}, Niek F. van Hulst^{1,3}

¹The Barcelona Institute of Science and Technology, Spain, ²Universitat Rovira i Virgili, Spain, ³ICREA -Institució Catalana de Recerca i Estudis Avançats, Spain



The 26th International Conference on Raman Spectroscopy

ICORS 2018

August 26-31, 2018 / ICC Jeju, Jeju Island, Korea

[MoPM1-03-O-7]

16:15-16:30

Rapid confocal Raman Hyperspectral Imaging by a Mechanical Streak Camera

Rintaro Shimada, Liang-da Chiu, and Takeaki Ozawa

The University of Tokyo, Japan