



| <b>[MoPM1-03] Analytical Raman Techniques / Instrumentations-02</b> |                                    |
|---|------------------------------------|
| <b>Date / Time</b>  | Aug. 27 (Mon.), 2018 / 14:30-16:30 |
| <b>Place</b>  | Halla B (Room B)                   |
| <b>Session Chair</b>  | Jagdish Tewari (SANOFI, USA)       |

**[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

*USDA, Beltsville Agricultural Research Center, USA*

**[MoPM1-03-O-4] 15:30-15:45**

**Raster-Scanning Raman Micro-Crystallography**

Oleksii Ilchenko<sup>1</sup>, Roman Slipets<sup>1</sup>, Andrii Kutsyk<sup>2</sup>, and Anja Boisen<sup>1</sup>

<sup>1</sup>*Technical University of Denmark, Denmark*, <sup>2</sup>*Taras 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<sup>1,2</sup>, Hany M. Elsheikha<sup>1</sup>, Dennis Awuah<sup>1</sup>, Graham Gibson<sup>3</sup>, Miles Padgett<sup>3</sup>, Amir M. Ghaemmaghami<sup>1</sup>, and Ioan Notingher<sup>1</sup>

<sup>1</sup>*University of Nottingham, U.K.*, <sup>2</sup>*University of Tokyo, Japan*, <sup>3</sup>*University of Glasgow, U.K.*

**[MoPM1-03-O-6] 16:00-16:15**

**3D Holographic Raman Imaging**

Matz Liebel<sup>1</sup>, Nicolás C. P. Pérez<sup>2</sup>, Ramon A. Alvarez-Puebla<sup>2,3</sup>, Niek F. van Hulst<sup>1,3</sup>

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

**[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*