



| [TuPM2-03] Analytical Raman Techniques / Instrumentations-06 | |
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| Date / Time | Aug. 28 (Tue.), 2018 / 16:45-18:45 |
| Place | Halla B (Room B) |
| Session Chair | Pavel Matousek (Rutherford Appleton Laboratory, U.K.) |

[TuPM2-03-K-1] (Keynote) 16:45-17:15

Raman Spectroscopy and Advanced Statistics for Forensic Applications

Igor K. Lednev

University at Albany, SUNY, USA

[TuPM2-03-I-2] (Invited) 17:15-17:35

Current Trends in Raman Spectroscopy-Chemometrics for Bioprocess Monitoring and Control

Jagdish Tewari

Sanofi, USA

[TuPM2-03-I-3] (Invited) 17:35-17:55

Model Transfer and Spectral Standardization for Biological Applications of Raman Spectroscopy

T. Bocklitz^{1,2,3}, S. Guo^{1,2,3}, T. Dörfer¹, R. Heinke¹, S. Stöckel¹, P. Rösch¹, and J. Popp^{1,2,3}

¹Friedrich Schiller University Jena, Germany, ²Leibniz Institute of Photonic Technology, Germany, ³Centre of Applied Research, Germany

[TuPM2-03-O-4] 17:55-18:10

Application of Vertical Flow Method to Raman Spectroscopy of Biomolecules

Hirotsugu Hiramatsu

National Chiao Tung University, Taiwan

[TuPM2-03-O-5] 18:10-18:25

Raman Spectroscopy for the Differentiation of Muscles and Tissues in Meat Using Chicken as a Model System

Patience T. Shoko, Christopher J. Pillidge, and Peter J. Torley, and Ewan W. Blanch

RMIT University, Australia

[TuPM2-03-O-6] 18:25-18:40

Lab-on-Chip Detection of Harmful Ingredients in Food Using Surface-Enhanced Raman Spectroscopy Coupled with Chromatography on Photonic Crystal Biosilica

Xianming Kong, Qian Yu, Lingzi Xu, and Rui Wang

Liaoning Shihua University, China