



[TuPM1-03] Analytical Raman Techniques / Instrumentations-05

Date / Time Aug. 28 (Tue.), 2018 / 14:30-16:30

Place Halla B (Room B)

[TuPM1-03-I-1] (Invited)

14:30-14:50

Real Colour Raman Spectroscopy with a DSLR Photocamera for Educational Purposes

Wolfgang Kiefer

University of Würzburg, Germany and Eisingen Laboratory for Applied Raman Spectroscopy (ELARS), Germany

[TuPM1-03-I-2] (Invited)

14:50-15:10

Optical Sensor for Medical Needle Guidance

Jeon Woong Kang¹, T. Anthony Anderson², and Peter T. C. So¹

¹Massachusetts Institute of Technology, USA, ²Massachusetts General Hospital, USA

[TuPM1-03-I-3] (Invited)

15:10-15:30

Non-invasive Quantitation of Atorvastatin during Pharmaceutical Manufacturing Process Using Transmission Raman Spectroscopy

Jaejin Kim

Chong Kun Dang Pharm, Korea

[TuPM1-03-O-4]

15:30-15:45

Multi-component (n>10) Simultaneous Analysis of Supplement Tablet by Raman Multivariate Curve Resolution

Masahiro Ando^{1,2}, Chihiro Kato³, Tomoko Hashimoto³, Hiro-o Hamaguchi^{4,5}

¹JST, Japan, ²Waseda University, Japan, ³Kanagawa Institute of Industrial Science and Technology, Japan, ⁴National Chiao-Tung University, Taiwan, ⁵Spectroscopic Science Laboratory Co., Japan

[TuPM1-03-O-5]

15:45-16:00

Raman Spectroscopy in Food Contact Materials Industry: a Preliminary Spectroscopic Study of NIAS in LDPE Pellets and Extruded Films

Portesi Chiara¹, Visentin Davide², V. Maurino³, and Rossi Andrea Mario¹

¹Istituto Nazionale di Ricerca Metrologica, Italy, ²Plastotecnica SpA, Italy, ³University of Torino, Italy

[TuPM1-03-O-6]

16:00-16:15

Application of Raman Spectroscopy for Analysis of Natural Gas Composition

D.V. Petrov^{1,2}, I.I. Matrosov¹

¹Institute of Monitoring of Climatic and Ecological Systems SB RAS, Russia, ²Tomsk State University, Russia



The 26th International Conference on Raman Spectroscopy

ICORS 2018

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

[TuPM1-03-O-7]

16:15-16:30

The Benefits of Raman Spectroscopy to Monitor Water Quality Near Transportation Infrastructures. From Qualitative Appreciation to the Identification of Organic Pollutants Traces

Marchetti Mario^{1,2}, Kauffmann Thomas², Fontana Marc², Saidi Sarah², Bourson Patrice², Jobard Céline², Branchu Philippe³, Casteran Guillaume⁴, and Saintot Bruno¹

¹Cerema, France, ²Université de Lorraine, France, ³Cerema Ile de France, France, ⁴Direction Générale de l'Aviation Civile, France