



[ThPM2-03] Analytical Raman Techniques / Instrumentations-10

Date / Time Aug. 30 (Thu.), 2018 / 16:45-18:45

Place Halla B (Room B)

[ThPM2-03-K-1] (Keynote)

16:45-17:15

Understanding of Raman Photon Distributions in Samples as a Basis for Reliable Quantitative Analysis

Pham Khac Duy and Hoeil Chung

Hanyang University, Korea

[ThPM2-03-O-2]

17:15-17:30

2D Nanoparticles Arrays of Interfacial Self-Assembled Large-Scale Densely Packed Monolayer Film with Ligand Exchanged Au Nanorods for *in situ* SERS Drugs Detection

Xianghu Tang, Mei Mao, Binbin Zhou, Liangbao Yang, and Jinhui Liu

Hefei Institutes of Physical Science, Chinese Academy of Sciences, China

[ThPM2-03-O-3]

17:30-17:45

Spectral and Pattern Tunable UC Luminescence Emission and Directional Radiation from Single RE Doped Particles

Hairong Zheng, Zhenglong Zhang, and Zhengkun Fu

Shaanxi Normal University, China

[ThPM2-03-O-4]

17:45-18:00

Analysis of Surface Oxide Films on Ni-based Alloys by *In-Situ* Raman Spectroscopy

T.-H. Kim^{1,2}, E. C. Jung², and J.-I. Yun¹

¹KAIST, Korea, ²KAERI, Korea

[ThPM2-03-O-5]

18:00-18:15

Multi-modal Analysis of Materials by Raman Spectroscopy and Rheology

Bharath Rajaram¹, Mike Bradley², Massimiliano Rocchia², Sinheon Song², and Jennifer Ramirez²

¹TA Instruments, USA, ²Thermo Fisher Scientific, USA

[ThPM2-03-O-6]

18:15-18:30

Resonance Raman Optical Activity of Xanthophyll Aggregates

Grzegorz Zajac, Monika Dudek, Ewa Machalska, Agnieszka Kaczor, and Malgorzata Baranska

Jagiellonian University, Poland