



[ThPM1-03] Analytical Raman Techniques / Instrumentations-09

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

Place Halla B (Room B)

[ThPM1-03-I-1] (Invited)

14:30-14:50

Simple Non-lithographic Fabrication of Plasmonic Nanostructured Array for Highly Sensitive and Reproducible SERS Sensors

Sung-Gyu Park and Dong-Ho Kim

KIMS, Korea

[ThPM1-03-I-2] (Invited)

14:50-15:10

Biofunctionalized Nanoparticle-incorporated Lateral Flow Sandwich Assays for Biomedical Applications

Hye Jin Lee

Kyungpook National University, Korea

[ThPM1-03-O-3]

15:10-15:25

All-Dielectric Microsphere-Embedded Film for Flexible Enhanced Raman Spectroscopy

Yinzhou Yan, Yan Zhao, Chunyue Chen, and Yijian Jiang

Beijing University of Technology, China

[ThPM1-03-O-4]

15:25-15:40

The Pearl Precision Plot: A Novel Chemometric Method for Evaluating Spectral Correlation and the Reproducibility of Raman Signals

Owen Douglas Pearl¹, A. I. Perez-Jimenez², Shu Hu², Zhongqun Tian², and Bin Ren²

¹Temple University, USA., ²Xiamen University, China

[ThPM1-03-O-5]

15:40-15:55

Sensitive Detection of Biologically Important Molecules by Drop Coating Deposition Raman (DCDR) Spectroscopy

Eva Kočíšová, Marek Procházka, Anna Kuzminova, and Ondřej Kylián

Charles University, Czech Republic

[ThPM1-03-O-6]

15:55-16:10

Rapid Determination of Trace Additives in Food by Surface Enhanced Raman Spectroscopy

Zhuomin Zhang

Sun Yat-sen University, China



The 26th International Conference on Raman Spectroscopy

ICORS 2018

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

[ThPM1-03-O-7]

16:10-16:25

Construction of SERS Substrates by Biomimetic Materials

Xuan He¹ and Zhongbo Li²

¹China Academy of Engineering Physics, China, ²Chinese Academy of Sciences, China