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

Date / Time	Aug. 30 (Thu.), 2018 / 14:30-16:30
Place	Halla B (Room B)
Session Chair	Shigeki Yamamoto (Osaka University, Japan)

[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 Pearl[1], A. I. Perez-Jimenez[2], Shu Hu[2], Zhongqun Tian[2], and Bin Ren[2]

[1]Temple University, USA, [2]Xiamen University, China

[ThPM1-03-O-5]　　　　　　　　　　　　　　　　　　　　　　　**15:40-15:55**

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

Eva Kočišová, 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

[ThPM1-03-O-7]　　　　　　　　　　　　　　　　　　　　　　　**16:10-16:25**

Construction of SERS Substrates by Biomimetic Materials

Xuan He[1] and Zhongbo Li[2]

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

Aug. 30 (Thu.)