



[TuPM2-01] Electrochemistry and Interfacial Phenomena

Date / Time Aug. 28 (Tue.), 2018 / 16:45-18:45

Place Halla A (Room A)

[TuPM2-01-I-1] (Invited)

16:45-17:05

Electrochemical and Surface Plasmon Resonance Synergetic Catalysis on Surface Reaction Monitored by SERS

Yao Jian-Lin

Soochow University, China

[TuPM2-01-I-2] (Invited)

17:05-17:25

Resonant Nanogap Devices for Particle Trapping and Surface-Enhanced Vibrational Spectroscopies

Daehan Yoo, Christopher T. Ertsgaard, Avijit Barik, Xiaoshu Chen, Daniel A. Mohr, Daniel J. Klemme, Yong-Sang Ryu, Han-Kyu Choi, Nathan J. Wittenberg, and Sang-Hyun Oh

University of Minnesota, USA

[TuPM2-01-O-3]

17:25-17:40

EC-SERS Raman Spectroelectrochemistry Using Screen-Printed Electrodes

Pablo Fanjul-Bolado, Alejandro Junquera-Pérez, María Begoña González-García, and David Hernández-Santos.

Parque Tecnológico de Asturias, Spain

[TuPM2-01-O-4]

17:40-17:55

Facet-dependent Reduction Reaction of Diruthenium Metal String Complex by Metal Nanoparticles Detected Using Surface Enhanced Raman Spectroscopy

Bo-Han Wu, Jheng-Yang Chung, Li-Yen Hung, and I-Chia Chen

National Tsing Hua University, Taiwan

[TuPM2-01-O-5]

17:55-18:10

Confinement and In-situ Reduction Fabrication of Metal Nanoparticles for Various Surface Enhanced Raman Scattering Absorbent Substrates

Chien-Wei Lee and Chih-Chia Huang

National Cheng Kung University, Taiwan

[TuPM2-01-O-6]

18:10-18:25

Nanopillar Filters Integrated in a Centrifugal Microfluidic Platform for SERS Detection in Complex Liquids

Onur Durucan, Tomas Rindzevicius, Marco Matteucci, Michael Stenbæk Schmidt, and Anja Boisen

Technical University of Denmark, Denmark



The 26th International Conference on Raman Spectroscopy

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[TuPM2-01-O-7]

18:25-18:40

Graphene/Nanosilver Hybrid Structure for Highly Sensitive Surface Enhanced Raman Spectroscopy of Protein

Preeti Garg¹, R. K.Soni², and R.Raman¹

¹Solid State Physics Laboratory, India, ²Indian Institute of Technology Delhi, India