



| [TuPM2-01] Electrochemistry and Interfacial Phenomena | |
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| Date / Time | Aug. 28 (Tue.), 2018 / 16:45-18:45 |
| Place | Halla A (Room A) |
| Session Chair | Sang Woo Han (KAIST, Korea) |

[TuPM2-01-I-1] (Invited) **16:45-17:05**
Electrochemical and Surface Plasmon Resonance Synergetic Catalysis on Surface Reaction Monitored by SERS
Jian-Lin Yao
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