[TuAM-01] Non-Metallic SERS and Chemical Enhancement	
Date / Time	Aug. 28 (Tue.), 2018 / 10:00-12:00
Place	Halla A (Room A)
Session Chair	Dae Hong Jeong (Seoul National University, Korea)

[TuAM-01-K-1] (Keynote) **10:00-10:30**

Charge Transfer in Nanoplasmonics as an Avenue for Control of Chemical SERS Enhancement and Molecular Self-Assembly

Stefan A. Maier
Ludwig Maximilians Universität München, Germany

[TuAM-01-I-2] (Invited) **10:30-10:50**

Ultra-Low-Frequency SERS Observation of Molecular Adsorbates on Atomically Defined Gold Surfaces under Electrochemical Conditions

Katsuyoshi Ikeda
Nagoya Institute of Technology, Japan

[TuAM-01-O-3] **10:50-11:05**

SERS Theory on Semiconductor and Dielectric Substrates and Appearance of Forbidden Lines in the SERS Spectrum of Hydroquinone Molecule Adsorbed on Titanium Dioxid

V. P. Chelibanov[1] and A. M. Polubotko[2]
[1]State University of Information Technologies, Russia, [2]A. F. Ioffe Physico-Technical Institute, Russia

[TuAM-01-O-4] **11:05-11:20**

Surface-Enhanced Raman Scattering-Active Semiconductor Nanomaterials: Development and Challenge

Yong Yang, Lili Yang, Yunfeng Ma, Yufeng Shan, and Zhenren Huang
Chinese Academy of Sciences, China

[TuAM-01-O-5] **11:20-11:35**

Observing the Surface-Enhanced Raman Scattering on Bulk MoS_2

Da Zhan, Dandan Yan, and Xiangyang Liu
Xiamen University, China

[TuAM-01-O-6] **11:35-11:50**

Chemical Enhancement Mechanism Studied by Non-Plasmonic Surface-Enhanced Raman Spectroscopy(SERS)

Jayeong Kim[1], Nam-Jung Kim[2,3], Jun-Beom Park[3], Hyemin Kim[1], Gyu-Chul Yi[3], and Seokhyun Yoon[1]
[1]Ewha Womans University, Korea, [2]University of Missouri, USA, [3]Seoul National University, Korea

[TuAM-01-O-7] **11:50-12:05**

Observation of Enhanced Raman Scattering for Molecules Adsorbed on $CH_3NH_3PbCl_3$ Single Crystalline Perovskite

Zhi Yu[1], Weili Yu[1], Jun Xing[1], Rashid A. Ganeev[1], Wei Xin[1], Jinluo Cheng[1], and Chunlei Guo[1,2]
[1]Chinese Academy of Sciences, China, [2]University of Rochester, USA