[TuAM-07] Nanostructures for SERS-1

Date / Time	Aug. 28 (Tue.), 2018 / 10:00-12:00
Place	302 (Room F)

[TuAM-07-I-1] (Invited) **10:00-10:20**

Biomolecule Enabled 3D Chiral Plasmonic Colloids

Ki Tae Nam

Seoul National University, Korea

[TuAM-07-I-2] (Invited) **10:20-10:40**

Controlled Assembly of Nanoparticles: from Synthetic Approach to Self-Assembly Route

Sunghee Lee[1], Chen Li[2], Zhaoxia Qian[3], Zahra Fakhraai[2], and So-Jung Park[1]

[1]Ewha Womans University, Korea, [2]University of Pennsylvania, USA, [3]University of Washington, USA

[TuAM-07-I-3] (Invited) **10:40-11:00**

Plasmonic Platforms: Dependence of Size of Ag@SiO_2 Nanoparticle and Interparticle Separation on SERS

K. George Thomas

Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM), India

[TuAM-07-O-4] **11:00-11:15**

Precision Plasmonics on Gold Nanoparticle Dimers: Experiment and Theory for Ideal (Spherical) and Non-ideal (Faceted) Building Blocks

Jun Hee Yoon, Florian Selbach, Ludmilla Langolf, and Sebastian Schlücke

University of Duisburg-Essen, Germany

[TuAM-07-O-5] **11:15-11:30**

Quantitative SERS Based on Carbon Nanotubes and Ag Nanoparticles for Gas Sensor

Zhang Jie, Yin Zenghe, Zhang Xiaolei, and Zhu Yong

Chongqing University, China

[TuAM-07-O-6] **11:30-11:45**

Ag-Au Bimetallic Nanostructure in Ni Foam as a SERS Substrate

Tung Duy Vu and Hoeil Chung

Hanyang University, Korea

[TuAM-07-O-7] **11:45-12:00**

Development of a Reliable and Sensitive SERS Immunoassay Platform

Hyejin Chang[1] and Dae Hong Jeong[2]

[1]Kangwon National University, Korea, [2]Seoul National University, Korea