



[TuAM-07] Nanostructures for SERS-1	
Date / Time	Aug. 28 (Tue.), 2018 / 10:00-12:00
Place	302 (Room F)
Session Chair	Lei Chen (Jilin Normal University, China)

[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 Lee¹, Chen Li², Zhaoxia Qian³, Zahra Fakhraei², and So-Jung Park¹

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@SiO₂ 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 Schlücker

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

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

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 Chang¹ and Dae Hong Jeong²

¹*Kangwon National University, Korea*, ²*Seoul National University, Korea*