

[FrAM-01] Vibrational and Electronic Excitations by Plasmons	
Date / Time	Aug. 31 (Fri.), 2018 / 09:00-11:00
Place	Halla A (Room A)
Session Chair	Nan Jiang (University of Illinois at Chicago, USA)

[FrAM-01-K-1] (Keynote) 09:00-09:30

Unusual Vibrational Excitations induced by Gap-Plasmons

Hyun-Hang Shin, Gyu Jin Yeon, Kang Sup Lee, Han-Kyu Choi, Sang Min Park, and Zee Hwan Kim
Seoul National University, Korea

[FrAM-01-I-2] (Invited) 09:30-09:50

Local Near-Field Induced Heating and Field Enhancement in Tip-Enhanced Raman Spectroscopy Revealed by Stokes/Antistokes Intensity Ratios

Marie Richard-Lacroix, Steffen Trautmann, and Volker Deckert
Friedrich Schiller University Jena, Germany and Leibniz Institute of Photonic Technology (IPHT), Germany

[FrAM-01-I-3] (Invited) 09:50-10:10

Assignment of Unknown SERS Bands Detected from 4aminobenzenethiol at a Concentration of 8×10^{-10} M

Yuko S. Yamamoto¹ and Tamitake Itoh²
¹Japan Advanced Institute of Science and Technology, Japan, ²National Institute of Advanced Industrial Science and Technology, Japan

[FrAM-01-O-4] 10:10-10:25

Thermometry of Plasmonic Structures via Anti-Stokes Electronic Raman Scattering: Principles and Applications

Steven Jones¹, Daniel Andr n¹, Pawel Karpinski^{1,2}, and Mikael K ll¹
¹Chalmers University of Technology, Sweden, ²Wroclaw University of Science and Technology, Poland