



[MoAM-07] Plasmonic Coupling-1

Date / Time Aug. 27 (Mon.), 2018 / 10:00-12:00

Place 302 (Room F)

[MoAM-07-I-1] (Invited)

10:00-10:20

SERS Surface Selection Rules for Liquid Biopsies

Ramon A. Alvarez-Puebla

Universitat Rovira i Virgili, Spain

[MoAM-07-I-2] (Invited)

10:20-10:40

Imaging SERS Intensity Fluctuations from Single Nanoshells

Nathan Linqvist¹, Regie Gomes Filho², Carlos Diego L. de Albuquerque², and Alexandre G. Brolo²

¹Bethel University, USA, ²University of Victoria, Canada

[MoAM-07-O-3]

10:40-10:55

Quantification by Surface-enhanced Raman Scattering Using Ag Nanorods as Substrates

Sumeng Zou, Lingwei Ma, and Zhengjun Zhang

Tsinghua University, China

[MoAM-07-O-4]

10:55-11:10

Resonant, Plasmonic Enhancement of Alpha-6T Molecules Encapsulated in CNTs by a Gold Dimer

Sören Wasserroth¹, Sebastian Heeg^{2,3}, Niclas S. Mueller¹, Patryk Kusch¹, Uwe Hübner⁴, Etienne Gauffrès⁵, Nathalie Y.-W. Tang⁵, Richard Martel⁵, Aravind Vijayaraghavan², and Stephanie Reich¹

¹Freie Universität Berlin, Germany, ²ETH Zürich, Switzerland, ³The University of Manchester, U.K.,

⁴Leibniz Institute of Photonics Technology, Germany, ⁵Université de Montréal, Canada

[MoAM-07-O-5]

11:10-11:25

Raman Tensors: the Key to Understand Orientation of a Molecule Immobilized in a Hot Spot

Maria Pszona, Sylwester Gawinkowski, and Jacek Waluk

Polish Academy of Sciences, Poland

[MoAM-07-K-6] (Keynote)

11:25-11:55

Light - Matter Interaction Monitored by Surface-Enhanced Raman Scattering

Kei Murakoshi

Hokkaido University, Japan