

SERS-Round Table

Monday 26.10.2020

Time	Speaker	Title
15:00 - 15:15	Sebastian Schlücker	Introduction and welcome to the SERS-Round Table 2020
15:15 - 15:35	Laura Fabris	Taking SERS Sensing out of the Lab: Lowering Costs while Retaining Performance
16:00 - 16:10	Janina Kneipp	SERS of Proteins
16:30 - 16:40	Agata Krolikowska	Facing challenges in preparation of SERS-active magnetic nanoparticles. How to prevent spontaneous aggregation of a magnetic component?
17:00 - 17:10	Gucciardi Pietro Guiseppe	Photoinduced Enhanced Raman Spectroscopy with Hybrid Au@WS2 Nanosheets
17:30 - 17:40	Nordin Feudj	Engineering double lattice plasmon resonances in an asymmetric environment for surface enhanced Raman scattering
18:00 - open end		"virtual/social conversations"

Join zoom meeting on Monday Oct. 26, 3-6 pm

<https://uni-due.zoom.us/j/94082873403?pwd=WHdxK3NSaWZNCENScm5lRVl1ODdlZ09>

Tuesday 27.10.2020

Time	Speaker	Title
9:00 - 09:10	Katrin F. Domke	Solvent H-bonding determines molecular adsorption geometry - the case of trimesic acid on Cu resolved with TERS and molecular dynamics simulations
09:30 - 9:40	Giovanni Giuzio	Beam Modulation for Aberration Control and Signal Enhancement in Tip-Enhanced Raman Spectroscopy
10:00 - 10:10	Kamilla Malek	Sandwich SERS immuno-sensors based on Ag and Au nanostructures deposited on Al ₂ O ₃ and TiO ₂ templates.
10:30 - 10:40	Marc Lamy de la Chapelle	New insight on the aptamer conformation and aptamer/protein interaction by surface enhanced Raman scattering and multivariate statistical analysis
11:00 - 11:10	Nicolae Leopold	Generation of SERS active sites for anionic analytes by Ag ⁺ , Ca ²⁺ , Pb ²⁺ and Al ³⁺ adions. It will bring new information to the adion-specific adsorption model proposed 2 years ago
11:30 - open end	Sebastian Schlücker	General SERS discussions

Join zoom meeting on Tuesday Oct. 27, 9 am-12 pm

<https://uni-due.zoom.us/j/95633118563?pwd=ZU1USFdITWRUZzBIR1k3eEZ0TmRmZz09>