

SERS Round Table 2015 in Duisburg

"NanoEnergieTechnikZentrum" (NETZ) of the University Duisburg-Essen,
Carl-Benz-Str. 199, 47057 Duisburg, seminar room 2.42

March 04-06

Confirmed participants:

Janina Kneipp (Berlin)	Yuying Zhang (Essen)
Zsuzsanna Heiner (Berlin)	Jun Hee Yoon (Essen)
Inez Weidinger (Berlin)	Alessandro Feis (Florence)
Dimitra Gkogkou (Berlin)	Annemarie Pucci (Heidelberg)
Patrycja Kielb (Berlin)	Dana Cialla-May (Jena)
Arnulf Materny (Bremen)	Stefan Maier (London)
Faezeh Mohagheh (Bremen)	Barbara Fazio (Messina)
Alireza Mazaheri Tehrani (Bremen)	Pietro Giuseppe Gucciardi (Messina)
Anna Huefner (Cambridge)	Nello Trusso (Messina)
Sebastian Schlücker (Essen)	Marc Lamy de la Chapelle (Paris)
Wei Xie (Essen)	Gilad Haran (Rehovot)

Wednesday, 04 March 2015

5:00 pm **Welcome, talks and discussions**

Anna Huefner "Label-free SERS inside cells and the use of chemometrics"

Evening lecture

8:00 pm presented by Gilad Haran

"Dimers and trimers of metal nanoparticles: from plasmon spectroscopy to SERS"

Thursday, 05 March 2015

9:00 am **Talks and discussions**

Janina Kneipp "NIR-excited combined SERS and SEHRS using different plasmonic substrates"

Inez Weidinger "Insights into proton coupled electron transfer reactions via surface enhanced vibrational spectroscopy"

11:00 am **Coffee break**

Talks and discussions

Alessandro Feis "Some issues in protein SERS"

	Marc Lamy de la Chapelle	“Abstract about the discrepancy between near-field and far-field; the SERS sensor; the structural studies of proteins”
	Yuying Zhang	“Immuno-SERS microscopy for tissue-based cancer diagnostics”
1:00 pm	Lunch	
	CENIDE (NETZ Building)	
2:00 pm	Tobias Teckentrup	“CENIDE/NETZ a short introduction” Guided tour through the building
3:30 pm	Coffee break	
	Talks and discussions	
	Stefan Maier	“Assessment of nanophotonic materials and geometries for surface enhanced sensing”
	Jun Hee Yoon	“Quantum plasmon coupling in controlled dimer assemblies”
6:00 pm	Dinner	
	Evening lecture	
8:00 pm	presented by Annemarie Pucci “How to increase plasmonic signal enhancement in the IR”	

Friday, 06 March 2015

9:00 am	Talks and discussions	
	Barbara Fazio	“SERS detection of biomolecules in liquid environment by optically-induced aggregation of Gold Nanorods”
	Wei Xie	“Label-free SERS monitoring of reactions catalyzed by metal nanoparticles”
11:00 am	Coffee break	
	Talks and discussions	
	Arnulf Materny	“Frequency and Time Resolved Study of Molecules in Contact to Flat Silver and Gold Surfaces”
	Dana Cialla-May	“SERS in life science applications”
	Patrycja Kielb	“Combined SERR, SEIRA and electrochemistry to study the influence of calcium on catalysis of cellobiose dehydrogenase immobilized on electrode”
	Closing remarks and group photo	
1:00 pm	Lunch	



Location of the NETZ building: Campus Duisburg



Directions to NETZ (CENIDE)

By car:

Take exit Duisburg-Kaiserberg within the freeway interchange Kaiserberg (A3/A40). At the lights take a left turn towards "Zoo/Universität". Follow the road. After approximately one kilometer (including one underpass, a right turn, and a bridge crossing the freeway) you will see the silver-gray striped NanoEnergietechnikZentrum with the distinctive lettering "NETZ". In front of the building the road makes a sharp left turn. To your left you see a large parking lot. The entrance to the visitor parking lot is the first driveway AFTER the sharp left turn, for deliveries please use the entrance IN the sharp left turn (in both cases ring the bell at the barrier).

Please note: If you use a navigation device, let it guide you to "Forsthausweg, 47057 Duisburg", since older systems frequently misinterpret the actual address.

By train:

Take a train to Duisburg Central Station (Duisburg Hauptbahnhof). Walk on the platform to its northern end (towards the head of the train if you come via Düsseldorf). There is an exit that leads directly to the bus station. Take bus 933 or 926 (both towards Uni-Nord). Get off after about twelve minutes at the bus stop Uni-Nord. The silver-gray striped NanoEnergieTechnikZentrum with the distinctive lettering "NETZ" is on the opposite side of the parking lot.

By taxi:

Ask to get dropped off at Carl-Benz-Straße 199. You will see the silver-gray striped NanoEnergieTechnikZentrum with the distinctive lettering "NETZ".