

# SERS Round Table 2016 in Poltersdorf

October 11-13

## Confirmed participants:

Andreas Otto (Düsseldorf)	Steven E. J. Bell (Belfast)
Marc Lamy de la Chapelle (Paris)	Sebastian Schlücker (Essen)
Janina Kneipp (Berlin)	Katrin F. Domke (Mainz)
Annemarie Pucci (Heidelberg)	Dai Zhang (Tübingen)
Dana Cialla-May (Jena)	Jonas Pfisterer (Mainz)
Xiao-Shan Zheng (Jena)	Judith Langer (San Sebastian)
Vera Dugandzic (Jena)	Pietro Guisepe Gucciardi (Messina)
Christoph Haisch (Munich)	Barbara Fazio (Messina)
Marek Prochazka (Prague)	Ewelina Wiercigroch (Krakow)
Kamilla Malek (Krakow)	Vi Tran (Essen)
Amala Elizabeth (Mainz)	Jun H. Yoon (Essen)
Jörg Wissler (Essen)	
Florian Selbach (Essen)	
Xinping Wang (Essen)	

## Hotel and directions:

For travel information and room reservation please look here:

[Travel information](#)

[Hotel Weingut Dehren](#)

Kurfuerstenstrasse 30  
56821 Ellenz-Poltersdorf

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# Programme

## Tuesday, 11 October 2016

5:00 pm **Hiking tour**

7:00 pm **Dinner**

8:00 pm **Introduction and Evening lecture**

Andreas Otto "Mosel, Poltersdorf and wine"

Annemarie Pucci "Surface excitations of free electrons"

## Wednesday, 12 October 2016

8:00 am **Breakfast**

9:00 am **Talks and discussions**

Janina Kneipp "Surface enhanced hyper Raman scattering for the microscopic characterization of biosamples"

Judith Langer "Highly stable SERS labels for long-term cell imaging and distinction: fabrication, characterization and application"

Xiao-Shan Zheng "Reliable SERS-Based pH Sensing of Living Cells"

11:00 am **Coffee break**

11:30 am **Talks and discussions**

Dai Zhang "Plasmon-enhanced Raman spectroscopy"

Pietro G. Gucciardi "Distinguishing different molecular species adsorbed on a flat gold surface with few nm resolution by Tip enhanced Raman Spectroscopy in ambient conditions"

Jonas Pfisterer "Local In-situ Mapping of the Formic Acid Electro-oxidation - Merging Tip-enhanced Raman Spectroscopy and Electrocatalysis"

1:00 pm **Lunch**

2:00 pm **Talks and discussions**

Marc Lamy de la Chapelle "Plasmonic properties and SERS efficiency of gold arrays deposited on a gold film"

Marek Prochazka "Rationally designed metal substrates for sensitive SERS detection of biologically important molecules"

Vera Dugandzic "Hydrazine reduced nanoparticles for SERS-based bioanalytical applications"

4:00 pm **Coffee break**

4:30 pm **Talks and discussions**

Katrin F. Domke "How STM parameters influence TER signals"

Kamilla Malek "Intracellular SERS imaging of the endothelial cells"

Dana Cialla-May "SERS-based applications in drug monitoring and food analysis"

7:00 pm **Dinner**

8:00 pm **Evening lecture**  
presented by Steven E. J. Bell  
"Is SERS Really a Family of Techniques?"

**Thursday, 13 October 2016**

8:00 am **Breakfast**

9:00 am **Talks and discussions**

Jun Hee Yoon /  
Florian Selbach

"Experimental precision plasmonics: Dimers of Gold nanoparticles"

Jörg Wissler

"Towards a SERS nanodiagnostic assay for monitoring protein recognition by supramolecular ligands"

Christoph Haisch

"Live / dead distinction and antibiotic resistance testing by SERS"

11:00 am **Coffee break**

11:30 am **Talks and discussions**

Andreas Otto

"What have I published beyond SERS and ATR?"

**Closing remarks and group photo**

1:00 pm **Lunch**

