

SERS Round Table 2025 in Poltersdorf

October 8-10

Confirmed participants:

Kamilla Małek (Krakow)	Edoardo Farnesi (Jena)
Eva Kocisova (Prague)	Ana Gomez (Seville)
Marek Procházka (Prague)	Adrian Warzybok (Kraków)
David Baschnagel (Tübingen)	Annika Kirsten (Essen)
Felix Schneider (Tübingen)	Won Ki Son (Essen)
Alfred Meixner (Tübingen)	Till Reichenauer (Essen)
Jyothi Nair (Jena)	Roland Grzeschik (Essen)
Aradhana Dwivedi (Jena)	Simon Mennicken (Essen)
Arna Ghosh (Jena)	Sebastian Schlücker (Essen)
Tony Dib (Jena)	
Dana Cially May (Jena)	
Sujia Jiao (Jena)	

Hotel and directions:

For travel information please look here:

[Hotel Weingut Dehren](#)

Kurfuerstenstrasse 30

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Programme

Wednesday, October 8

5:00 pm **Hiking tour**

7:00 pm **Dinner**

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

Sebastian Schlücker

Introduction

Marek Prochazka

"50 years of SERS - a personal perspective"

Thursday, October 9

8:00 am **Breakfast**

9:00 am **Talks and discussions**

Eva Kocisova

"New Insights into SERS Mechanism of Semiconductor–Metal
Heterostructure: A Case Study on Vanadium Pentoxide/Metal"

Adrian Warzybok

"Photo-induced reactions on model silver–semiconductor hybrids"

11:00 am **Coffee break**

11:30 am **Talks and discussions**

Marek Prochazka

"Conducting Polymer Substrates: A Robust Platform for
Highly Sensitive SERS Spectroscopy"

1:00 pm **Lunch**

2:00 pm **Talks and discussions**

David Baschnagel

"Angle of incidence dependent SERS using hybridized guided
mode resonances"

Felix Schneider

"Angularly resolved tip-enhanced Raman spectroscopy"

4:00 pm **Coffee break**

4:30 pm **Talks and discussions**

Won Ki Son

"Real-Time SERS Nanosensing of Plant Communication and
Stress Responses"

Aradhana Dwivedi

"Dendritic Nanostructures in SERS for Advanced Biomolecular
Analysis"

Arna Ghosh

"SERS detection and analyzing schemes for wastewater
treatment"

Tony Dib

"SERS-based Detection of Natural Products in Microbial
Communication"

Edoardo Farnesi

"Diagnostics potential of cerumen: SERS meets machine
learning"

	Sujia Jiao	"Flexible Silver-Coated Gold Nanoparticles Loaded Graphene textiles for Direct Detection of Imidacloprid Pesticide"
	Jyothi Nair	"Tracing biomolecular fingerprints via SERS"
7:00 pm	Dinner	
8:00 pm	Evening lecture Alfred Meixner	

Friday, October 10

8:00 am	Breakfast	
9:00 am	Talks and discussions	
	Ana Gomez	"Tip-Enhanced Raman Spectroscopy with pulsed laser excitation"
	Simon Mennicken	"Molecular tripods for aligning reactive alkyne centers: analysis by TERS and DFT"
11:00 am	Coffee break	
11:30 am	Talks and discussions	
	Annika Kirsten	"H-bonding determines the molecular adsorption geometry of trimesic acid on Cu"
	Roland Grzeschik	"Automated synthesis for colloidal SERS substrates"
1:00 pm	Closing remarks and group photo	
	Lunch	