

# SERS Round Table 2018 in Poltersdorf

November 14-16

## Confirmed participants:

|  |                               |
|--|-------------------------------|
| Andreas Otto (Poltersdorf/Duesseldorf) | Steven E.J. Bell (Belfast)    |
| Marc Lamy de la Chapelle (Paris)       | Janina Kneipp (Berlin)        |
| Kamilla Małek (Krakow)                 | Katrin Domke (Mainz)          |
| Christoph Haisch (Munich)              | Zhenrong Zhang (Waco)         |
| Aleksandra Jaworska (Warschau)         | Gaëlle Charron (Paris)        |
| Marek Procházka (Prague)               | Victoria Reichel (Paris)      |
| Nicolae Leopold (Cluj-Napoca)          | Judith Langer (San Sebastián) |
| Vlad Moisoiu (Cluj-Napoca)             | Emiliano Cortés (London)      |
| Stefania Iancu (Cluj-Napoca)           | Anna Mühlrig (Jena)           |
| Andrei Stefanu (Cluj-Napoca)           | Thomas Keller (Essen)         |
| Natalia Ivleva (Munich)                | Jesil Jose (Essen)            |
| Ruben Weiss (Munich)                   | Sebastian Schlücker (Essen)   |
| Oleksii Morgaienko (Munich)            |                               |

## Hotel and directions:

For travel information and room reservation please look here:

[Hotel Weingut Dehren](#)

Kurfuerstenstrasse 30  
56821 Ellenz-Poltersdorf

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# Programme

## Wednesday, 14 November 2018

5:00 pm **Hiking tour**

7:00 pm **Dinner**

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

Sebastian Schlücker

Steven E.J. Bell

## Thursday, 15 November 2018

8:00 am **Breakfast**

9:00 am **Talks and discussions**

Nicolae Leopold "Specific adatoms for anionic and cationic analytes in SERS"

Anna Mühlig "Molecular SERS sensing"

Gaëlle Charron "Dealing with interferences and complex matrices in SERS sensing. The case of metallic contaminants in freshwater"

11:00 am **Coffee break**

11:30 am **Talks and discussions**

Natalia Ivleva "SERS in Combination with Stable Isotope Approach for Analysis of Microorganisms at Single Cell Level"

Aleksandra Jaworska "SERS studies on DNA: towards biosensors"

1:00 pm **Lunch**

2:00 pm **Talks and discussions**

Judith Langer "SERS from Au nanosphere cluster arrays with different lattice parameters"

Emiliano Cortes "Tracking atomic surface-defects with SERS"

Vlad Moisoiu "Biofluid analysis by SERS for point-of-care diagnosis"

4:00 pm **Coffee break**

4:30 pm **Talks and discussions**

Marc Lamy de la Chapelle "Detection of analytes and quantitative analysis of SERS spectra using Multivariate Statistics"

Marek Procházka "New approaches to preparation of reliable solid SERS substrates"

Victoria Reichel "Robust, large scale assembly of silver-based SERS active beads for sensing applications in water"

Andrei Stefanu "SERS approaches for albumin and DNA detection"

7:00 pm **Dinner**

8:00 pm **Evening lecture**

presented by Janina Kneipp

"SERS of lipids and proteins"

## Friday, 16 November 2018

8:00 am **Breakfast**

9:00 am **Talks and discussions**

Katrin Domke "EC-SERS and -TERS for bio adsorbates and electrocatalysis"

Li Qui "Hot Electron-Driven Selective Surface Photocatalytic Reaction"

Zhenrong Zhang "TERS on MoS<sub>2</sub>"

11:00 am **Coffee break**

11:30 am **Talks and discussions**

Andreas Otto "The genuine first layer effect of SERS"

All Participants Round Table Discussion on Selected Topics

**Closing remarks and group photo**

1:00 pm **Lunch**

