

2nd BioQantSense workshop

Monday, 11 March, 2024

Kopaonik, Serbia

Workshop

Timetable

Chairman: Branislav Jelenkovic

- 20.00 - 20.10 **Branislav Jelenkovic** – Institute of Physics Belgrade
BioQantSense project overview
- 20.10 - 20.30 **Caterina Dallari** - National Institute of Optics (INO)
Evaluating abnormal levels of intracellular cholesterol through Raman and Surface-enhanced Raman spectroscopy
- 20.30 - 20.50 **Markus Gräfe** - Technical University of Darmstadt, Germany
Nonlinear interferometers for quantum imaging with undetected light
- 20.50 - 21.10 **Frank Setzpfandt** - Abbe Center of Photonics, FSU Jena
Entanglement generation at the nanoscale
- 21.10 – 21.30 **Sara Nocentini** - European Laboratory for non-linear Spectroscopy (LENS) Florence
The hidden value of responsive materials
- 21.30 – 21.50 **Dejan Pantelic** – Institute of Physics Belgrade
Classical microscope interference-objectives for quantum holography
- 21.50 – 22.10 **Josué Ricardo León Torres** - Abbe Center of Photonics, FSU Jena
Mid-Infrared Quantum Scanning Microscopy with Visible Light