

# Biomedical Photonics

- 13:00 Dr. Christoph Harder Welcome, Introduction of SLN
- 13:10 Dr. Martin Wolf Introduction of bmpn
- 13:20 Dr. Michael Reinert Nanoshell Assisted Laser Tissue Fusion:  
An Opportunity for Bypass Surgery
- 13:40 Students  
Juan Mata Pavia 3D near-infrared imaging based on a single-photon  
avalanche diode sensor  
Valeria Musi Plasmonic, Bloch surface waves and Nano-photonic  
Elements for Bio-Sensing Application  
Jona Kottmann Laser-based photoacoustic sensing of glucose in  
aqueous samples  
Markus Belau Non-Invasive Measurement of Skeletal Muscle  
Contraction with Time-Resolved Reflectance and  
Diffusing-Wave Spectroscopy
- 14:30 **Networking Break**  
**Poster Exhibition** **Sponsoring Onefive GmbH**
- 15:30 Dr. Christian Rathjen Femto-Lasers in Ophthalmic Systems
- 16:00 Reinhard Jenny Efficient Lighting in Medical Technology
- 16:20 Dr. Kurt Weingarten Lasers to see, cut, and move
- 16:40 Prof. Dr. Theo Lasser Coherent Imaging - from cells to  
molecule
- 17:00 Prof. Dr. Jaro Rička Photonics for functional monitoring of  
ciliated airway epithelia
- 17:20 Dr. Martin Wolf Award ceremony: Best poster price
- 17:30 **Apéro Riche** **Sponsoring: SLN**