The group **Fiber Spectroscopic Sensing** of the **Leibniz Institute of Photonic Technology** offers a position for **Hiwi** and a topic for Bachelor/Master thesis in Raman Gas Sensing.

Within the scope of this project **a new miniaturized and robust Raman gas sensing setup will be developed** with very high spectral resolution. Such spectrally highly resolved Raman gas sensing will help for detailed elucidation of interdisciplinary research questions in **environmental and energy science as well as in breath analysis.**

**Your Qualification:**
Bachelor / Master student in
Physics
Photonics
Medical Optics
or related disciplines

**Your skills and interests:**
- Experimental and technical skills and interest in optical setups and instrumentation
- Knowledge in Raman spectroscopy would be helpful
- Interest in interdisciplinary work and scientific ambition

**We offer:**
- Attractive research environment with excellent instrumental equipment
- Possibility of interdisciplinary cooperation
- Young and dynamic team with interdisciplinary background

All-in-one: A versatile multi-gas sensor based on fiber enhanced Raman spectroscopy for monitoring postharvest fruit conservation and ripening. *Analyst* (2016), 141, 2023

For further information please contact
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