

**Postdoctoral position in Physical Chemistry, group of J. Hauer:  
"Experimental Femtosecond Spectroscopy"**

We are seeking a motivated postdoctoral researcher with a degree in physical chemistry or physics, with expertise in femtosecond spectroscopy.

*Brief description:* Our group moved to TU Munich in late 2017 (<https://www.department.ch.tum.de/en/dynspec/startseite/>). We have installed an amplified fs laser system (Coherent Legend Elite Duo HE+, <25 fs, 2.5 mJ at 5 kHz), seeding a hollow core fiber for whitelight generation, including compression. Another lab is equipped with a dual amplifier system at 1030 nm central wavelength. We now seek a postdoctoral researcher with experience in one or more of the following fields:

- Fluorescence upconversion spectroscopy
- Confocal microscopy using femtosecond pulses
- 2D electronic spectroscopy
- Transient absorption spectroscopy on multiple timescales, fs to  $\mu$ s

*Requirements:* an interest and proven expertise in femtosecond spectroscopy, a competitive publication track record, willingness to work as team member, ability to supervise and inspire students, willingness to contribute to teaching activities

We offer:

- A one-year contract for 40 h per week, starting as soon as possible, with the possibility of further (non-permanent) contract extensions,
- A vivid research environment at TU Munich, with close connections to CRC and WSI and the cluster of excellence e-conversion.

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