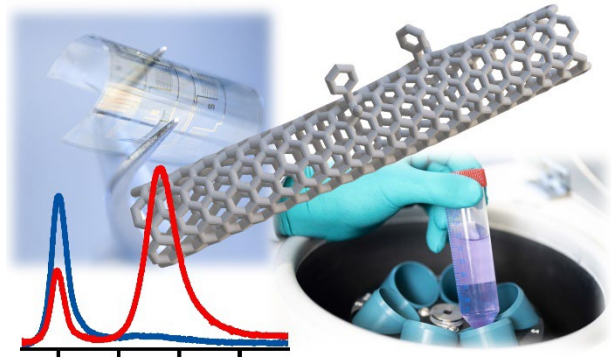


Doctoral Researcher (PhD student) position in Physical Chemistry/ Nanomaterials



Applied Physical Chemistry, Institute for Physical Chemistry, Heidelberg University, Germany

We have an open doctoral researcher position (67% E13 for 3 years) with a focus on optoelectronic properties (charge transport and spectroscopy) and covalent functionalization of purified single-walled carbon nanotubes.

The project requires excellent experimental skills in the lab (laser optics, device processing, chemical functionalization) and analytical skills to explore the interaction of charges, defects and excited states in single-walled carbon nanotubes.

More information about the research group:

<https://www.pci.uni-heidelberg.de/apc/zaumseil/index.html>

Documents to be provided as pdf (to zaumseil@uni-heidelberg.de):

- One-page motivation letter, explaining your reasons for wanting to join our group
- Bachelor and Master certificates (in English or Germany) with transcripts
- Curriculum vitae (max 3 pages)
- Letter of recommendation from supervisor of master thesis (if available)

Note: only applications specific to this job post will considered.

Desired skills and experience

- Very good Master's degree (or equivalent) in chemistry, physics, materials sciences or similar
- Being able to work and communicate in interdisciplinary and international research environments
- Good German and excellent English skills (written, verbal)
- Previous research experience in any related field is highly welcome

Areas of Research

- Material Characterization & Structure
- Surface Modification
- Nanoscience