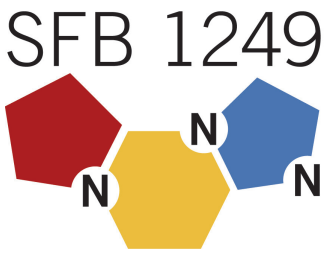
PhD Position (3 years, 67% E13) in Organic Electronics



We are looking for a motivated new member of our team working on **organic electronic** devices (e.g., field-effect transistors, photodiodes etc.) **based on N-Heteropolycycles**. The goal of the project is to understand and tune charge transport in thin films of novel organic semiconductors The focus is on device/film processing and spectroscopic/electrical characterization (no synthesis).

The project is embedded in the **Collaborative Research Centre "N-Heteropolycycles as Functional Materials"** (SFB 1249, https://sfb1249.uni-heidelberg.de/) and the Institute for Physical Chemistry (https://www.pci.uni-heidelberg.de/en) in Heidelberg ensuring close collaboration with synthetic chemists, theorists and physicists.

Requirements:

- Master's degree in **chemistry**, physics, materials science or related subject
- Previous experience with organic electronics, spectroscopy or related areas is advantageous
- Good communication skills (**English/German**) and motivation to work in an interdisciplinary team
- Being curious and self-motivated
- **Valid work permit** for Germany if not citizen of the European Union

Duration: Fixed term 3 years

Start date: as soon as possible, latest February 2027

Location: Based in Heidelberg (Germany), a beautiful and vibrant city with lots of history, culture as well as great outdoors. Heidelberg University (https://www.uni-heidelberg.de/en) is one of Germany's "*Universities of Excellence*" with a large campus for natural and life sciences.

We offer: An international, collaborative and friendly work environment with state-of-the-art equipment and many years of experience. Interdisciplinary exchange with different groups within the SFB 1249 and international groups. Heidelberg University offers comprehensive support and additional training programmes for all graduate students (www.graduateacademy.uni-heidelberg.de).

Applications (*only by email, pdf-files <5 MB*) should include a curriculum vitae (CV), short motivation letter, publication list (if applicable), degree certificates, transcript of Master and Bachelor degrees, list of educators/supervisors who could provide references.

Contact: Prof. Dr. Jana Zaumseil zaumseil@uni-heidelberg.de

https://www.pci.uni-heidelberg.de/en/zaumseil/