

Postdoc Position (2 years, 100% TVL-E13) in Mixed Ionic-Electronic Transport



We are looking for a motivated postdoc to join our research group (<https://www.pci.uni-heidelberg.de/en/zaumseil/>) at Heidelberg University who will be closely associated with the Research Training Group **GRK 2948 “Mixed Ionic-Electronic Transport: From Fundamentals to Applications”** (<https://www.grk2948.uni-heidelberg.de/en>). The aim of the research project is to develop and apply advanced techniques for the spectroscopic and electrical characterization of organic, nanoscale and hybrid mixed ionic-electronic conductors and their application in devices (e.g., sensors, actuators).

Requirements:

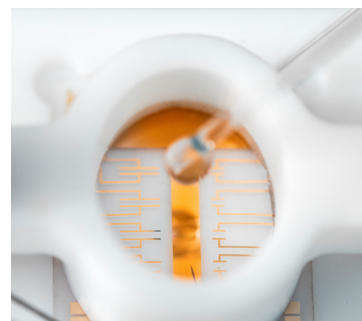
- Doctoral degree (PhD) in chemistry, physics, materials science or a related subject
- Previous **hands-on experience with mixed-ionic-electronic transport** in organic or related semiconductors and their **characterization/device fabrication**
- Excellent communication skills (English/German), motivation to work in an interdisciplinary team and with undergraduate and graduate students
- Being self-motivated and able to advance projects independently

We offer:

Full time contract (TVL-E13) for **2 years** with all benefits for employees.

Start date: flexible from September 2026

Option to start your own research group within the [Institute of Physical Chemistry](#) and associated with the GRK 2948 based on acquisition of own funding (e.g., DFG Emmy-Noether Group, ERC Starting Grant etc.). See [further support by Heidelberg University](#) for young research group leaders.



Location: Heidelberg (Germany) is a very green, beautiful and vibrant city with lots of history, culture as well as great outdoors. Heidelberg University (<https://www.uni-heidelberg.de>) is one of Germany's “Universities of Excellence” with a large campus for natural and life sciences.

International, collaborative and friendly work environment with state-of-the-art equipment and labs, including cleanroom facilities. Interdisciplinary exchange with local and international research groups. Heidelberg University offers comprehensive support for international postdocs through the [Welcome Centre](#) as well as career coaching ([heiTRACKS](#)).

Applications (only by email, pdf-files <5 MB) should include a curriculum vitae (CV), short motivation letter, publication list, degree certificates & transcripts, list of previous supervisors who could provide references.

Send your application by email with the subject line: “**GRK 2948 postdoc position**” to Prof. Dr. Jana Zaumseil zaumseil@uni-heidelberg.de