



**UNIVERSITÄT
HEIDELBERG**
ZUKUNFT
SEIT 1386

The Institute for Molecular Systems Engineering and Advanced Materials (IMSEAM), the Cluster of Excellence 3DMM2O, and the Faculty of Engineering Sciences at Heidelberg University invite applications for a

Full Professorship (W3) in “Multimodal Imaging” (f/m/d)

to be filled at the earliest possible date.

We are searching for a researcher with an internationally visible, original research program focusing on imaging and characterization of biological, polymeric and functional hybrid structures at the micro- and nanometer scales, including contributions to the 3D reconstruction and quantitative analysis of experimental data using appropriate computational tools. Ideally, the successful applicant will strike a balance between development and application of methods for spatial high-resolution imaging of 3D systems. Particularly attractive is experience in the characterization of time-varying material systems and the development of novel electron- and optical imaging techniques. However, cryo-electron microscopy should not be the main focus. The candidate should demonstrate a strong track record in research, teaching, and the acquisition of third-party funding. They should possess collaborative skills and a comprehensive understanding of the interdisciplinary field of multimodal imaging.

The professorship will be an integral part of the Cluster of Excellence 3DMM2O where we work on a wide range of methods to fabricate and control 3D systems at the highest precision, including laser-based 3D printing and self-assembly. It will be embedded in a rich collaborative research environment at Heidelberg University and beyond, including the Karlsruhe Institute of Technology (KIT), the Max Planck Institute for Medical Research (MPI-MR), the Heidelberg Institute for Theoretical Studies (HITS) and the German Cancer Research Center (DKFZ) at Heidelberg. The position will profit from a new research building focusing on life-inspired molecular systems (LEMS), currently being built next to the IMSEAM and designed to offer state-of-the-art laboratory space. The position offers full salary support at W3 level and a competitive research funding package.

We expect a strong motivation to contribute to the academic teaching programs of the Faculty of Engineering Sciences at both the bachelor and master levels, particularly in Molecular Systems Science and Engineering. The position also requires active participation in academic governance and in the Cluster of Excellence 3DMM2O (www.3dmm2o.de). Involvement in existing or emerging research networks on campus is expected.

The appointment requires a university degree, an outstanding doctorate, pedagogical aptitude which is usually proven by teaching experience, and, in accordance with article 47 (2) of the Higher Education Law of the state of Baden-Württemberg (LHG), a Habilitation, a successfully evaluated junior professorship or equivalent qualifications.

Applications should include a curriculum vitae, a list of publications and projects, a statement of future research and a teaching statement in a single PDF. They should be addressed to Prof. Dr. Guido Kanschat, Dean of the Faculty of Engineering Sciences and Prof. Dr. Christine Selhuber-Unkel, and sent no later than Sep. 30, 2025 by e-mail to: applications-ing@uni-heidelberg.de

Heidelberg University stands for equal opportunities and diversity. Qualified female candidates are especially invited to apply. Persons with severe disabilities will be given preference if they are equally qualified. Information on job advertisements and the collection of personal data is available at www.uni-heidelberg.de/en/job-market.