



The Tübingen Structural Microscopy Core Facility (TSM) at the University of Tübingen offers an open

## **Core facility staff position (Electron microscopy)**

### **(m/f/d, E13 TV-L, 100%)**

The candidate is expected to:

- Provide on-site support to core facility users on electron microscopy (focus on FIB & SEM, TEM if possible) and related sample preparation techniques
- Independent support and implementation of electron microscopy user projects
- Support users with method-specific questions during study design, research proposal and publication writing
- Ensure that core facility users are aware of best practices in data acquisition, analysis and data management
- Assist in the preparation and organisation of electron microscopy lab courses, workshops and training programs
- Keep up to date with the latest developments in electron microscopy and related sample preparation techniques
- Support the preparation of training resources
- Participate in method development projects

Successful candidates will have the following background and skills:

- PhD and/or master's degree in biology, geosciences, physics, engineering or related areas
- Profound experience with operating electron microscopes (ideally a FIB-SEM and/or a cryo-SEM)
- Theoretical and practical experience with electron microscopy applications
- Experience with software packages such as Zeiss Atlas 5 is of advantage
- Expertise in sample preparation for electron microscopy (biological and/or earth science samples)
- Very good communication skills in English, able to work in a team
- Experience with user support in electron microscopy and lab courses is of advantage

We are offering a permanent position in an interdisciplinary and international team of biologists and geoscientists. Employment will be arranged by the administration of the University of Tübingen. Equally qualified candidates with disabilities will be given preference in the hiring process. The University of Tübingen is committed to equal opportunities and diversity. Women are explicitly encouraged to apply. The position is basically divisible.

**Applications including a CV, motivation letter, a summary of research experience (in particular an overview of electron microscopes and sample preparation methods used in the past), publication list, and contact information of two academic references should be sent by email before 11. Dec. 2023 to:**

Dr. Stefan Fischer, Tübingen Structural Microscopy Core Facility (TSM), University of Tübingen. Email: [st.fischer@uni-tuebingen.de](mailto:st.fischer@uni-tuebingen.de). More information about the Tübingen Structural Microscopy Core Facility (TSM) can be found on our website: <https://uni-tuebingen.de/en/175101>.