

# Instrument Scientist

The Technical University Munich operates the high flux Neutron Source Heinz Maier-Leibnitz (FRM II) located at the scientific campus in Garching, Germany. The neutron source itself, its research instruments as well as the irradiation facilities provide unique possibilities for the scientific and industrial use of neutron beams.

Within the collaboration of the Heinz Maier-Leibnitz Zentrum (MLZ) we operate jointly, together with the Helmholtz-Zentrum Geesthacht, the small angle scattering instrument SANS-1. For the operation and further development, we invite applications for the full-time position (40.1 hours per week) of Instrument Scientist.

## Description of position

Your task is the operation of the SANS-1 instrument and user support for external and internal researchers. You are involved in further development of the instrument and its scientific use and are part of the core instrument team as co-responsible instrument scientist. You collaborate closely with scientists and engineers from different groups and research areas. You pursue your own research topics related to soft-matter physics or biology based on the use of scattering techniques, especially on small angle neutron scattering.

## Qualification and Experience

You have a degree in physics, chemistry, material science or related fields, ideally completed with a PhD / doctorate degree. You have knowledge and experience in the application of scattering techniques especially with neutrons or synchrotron radiation. You gained experience in the research of soft matter systems or questions related to biology. Persuasive communication skills and ability to work in a team in an international environment are mandatory. Good oral and written English skills are required, German language skills are an asset.

The appointment is initially limited; a prolongation is possible. The payment is based on the German pay scale TV-L. The Technical University Munich is an equal opportunity employer. Therefore, women are especially encouraged to apply. Handicapped applicants having an equivalent experience will be preferred.

For further information, please contact Dr. Sebastian Mühlbauer  
(phone +49 89 289 10784, email: [sebastian.muehlbauer@frm2.tum.de](mailto:sebastian.muehlbauer@frm2.tum.de))

Applications will be reviewed after February 8th, 2019 and are accepted until the position is filled.

Applicants should send a letter of interest describing relevant experience including detailed curriculum vitae by regular or electronic mail (merged to a pdf file) stating the reference number **ISANS012019** to:

**Technische Universität München**  
**Forschungsneutronenquelle Heinz Maier-Leibnitz (FRM II)**  
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