



FRM II
Forschungs-Neutronenquelle
Heinz Maier-Leibnitz



The Technical University Munich operates in Garching near Munich the research neutron source Heinz Maier-Leibnitz (FRM II) one of the most powerful and modern neutron sources worldwide. The scientific instruments and the irradiation facilities hold a leading position in the field of research with neutrons and their technical application.

For the expansion and operation of our experimental facilities, we are looking for full time 40.1h / week

Instrument scientist Experimental physics

Your area of responsibility

You can expect a varied activity at the world's most intense positron source NEPOMUC and thus in the latest cutting-edge research with antimatter. Your activities as deputy instrument responsible include the development, construction and operation of measuring instruments at the positron beam facility. These include magnetic and electrostatic transport systems, vacuum components, computer-based readout and control of various beam parameters. In cooperation with international scientists, you support positron beam experiments as well as the construction, upgrade and operation of scientific instruments. You are pursuing an independent scientific program focusing on the use of instruments at FRM II.

Your qualification profile

You are a postdoctoral scientist in the field of experimental physics and have a high readiness for further scientific education. Ideally, you have practical experience in the field of control electronics, UHV technology and read-out of radiation detectors. You are highly motivated and like working in our young team of scientists.

The position is remunerated according to TV-L and is initially limited. Handicapped persons will be at essentially the same suitability preferred. The TUM aims to increase the Female share. Applications from women are therefore expressly welcomed.

Further information on the area of responsibility can be obtained from PD Dr. Christoph Hugenschmidt
Tel.: +49 89 289 14609

For an online application, we ask you to send the documents as a single pdf file. Please send your informative documents, under the reference number **IWE112018** by December 12th, 2018:

Technische Universität München
Forschungsneutronenquelle Heinz Maier-Leibnitz (FRM II)
Personalabteilung
Lichtenbergstraße 1; D-85747 Garching
Tel: +49 89 289 14614
E-Mail: jobs@frm2.tum.de
www.frm2.tum.de