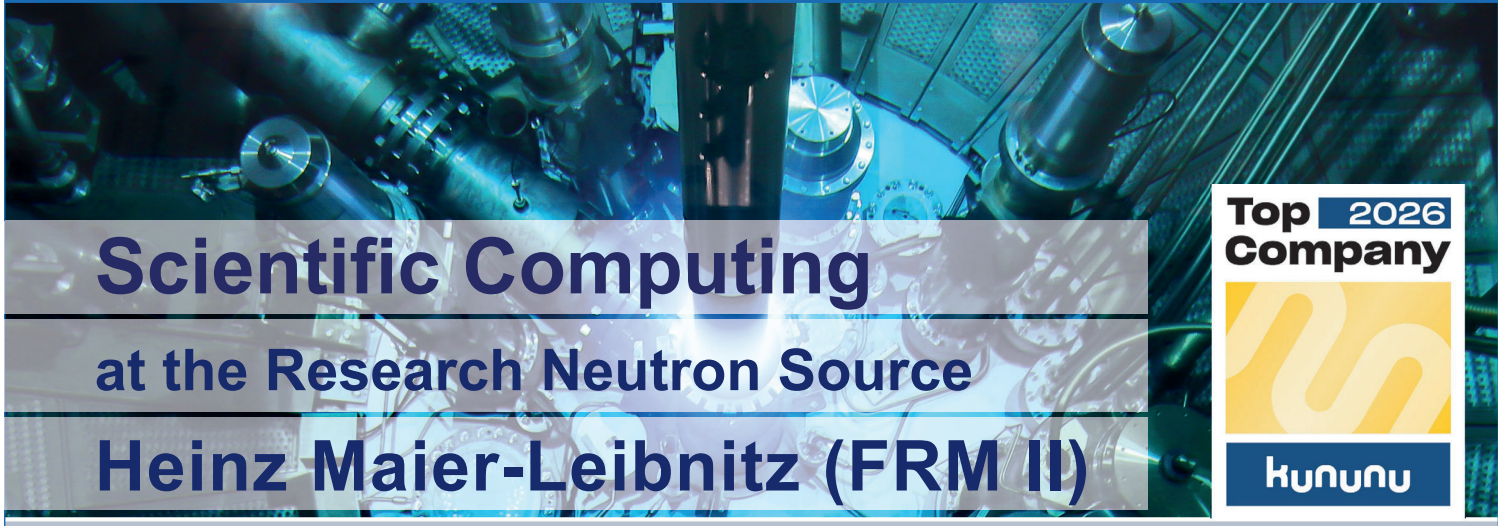

Scientific Computing

at the Research Neutron Source

Heinz Maier-Leibnitz (FRM II)

Top 2026 Company

kununu

With the Heinz Maier-Leibnitz Research Neutron Source (FRM II) in Garching near Munich, the Technical University of Munich (TUM) operates one of the most powerful and modern neutron sources. TUM's leading scientific position in the field of research with neutrons is underpinned by its cooperation with the Jülich Research Centre and the Helmholtz-Zentrum Hereon within the framework of the Heinz Maier-Leibnitz Zentrum (MLZ). **In this stimulating environment, we offer interesting opportunities for**

Internships (Praktikum, Praxissemester) and BSc/MSc Theses in Scientific Computing

In the Heinz Maier-Leibnitz Zentrum Garching (MLZ), neutron beams from the research reactor FRM II are used to investigate structure and dynamics of materials. We operate highly specialized diffractometers and and spectrometers. Staff and guest researchers from all over the world conduct experiments. In the Scientific Computing Group, we develop open-source software for the analysis of neutron scattering experiments. Our software enables researchers to deduce material properties from their scattering data. With ever new scientific questions, there is always need for extending our software.

Your tasks:

We have a long-standing habit of integrating students for internships and theses in our group. Depending on your background and interests, a topic can be chosen between programming and software engineering, physical modeling, and numerical mathematics.

Your skills:

To make the onboarding worthwhile, you should come for at least 2 months. We are programming mostly in C++, and require a solid understanding of the basic concepts of this language. Please apply for internships at least 3, better 4 months in advance. Theses can be agreed on shorter notice. Send your CV, certificates and cover letter all in a single PDF to Joachim Wuttke.

Next application deadline is November 30, for internships starting in March 2027.

Contact: **j.wuttke@fz-juelich.de**

Weitere Jobangebote:

Forschungs-Neutronenquelle Heinz Maier-Leibnitz (FRM II)

Lichtenbergstr. 1 | 85748 Garching

www.frm2.tum.de

MLZ ist eine Kooperation aus:

JÜLICH Forschungszentrum · Helmholtz-Zentrum hereon · TUM