We are looking to recruit an Instrument Scientist – Neutron Spectrometer

PANDA

Your Job:
Several developments like AI-assisted data collection option (ARIANE), multiplexing secondary spectrometer (BAMBUS), and ADR cryostat were adapted to PANDA in the recent years, with the results of being commissioned and the request of implementing modern data collection and analysis tools. Your duties and responsibilities within this position:

- Supporting commissioning for restart, and the commissioning of options like ADR cryostat and BAMBUS
- Providing local contact support for users of the neutron spectrometer PANDA of JCNS at MLZ
- Contributing to the instrument development of PANDA to meet future experimental challenges
- Conducting and disseminating world-class research via publications and conferences, presentations in the fields mentioned above
- Representing and actively working on increasing the user base at MLZ
- Furthermore, we support you to perform own high-profile research in close cooperation with the JCNS institutes in Jülich and Garching, especially with the institute “Quantum Materials and Collective Phenomena (JCNS-2)”

Your Profile:
- Master’s and subsequent PhD degree in physics, physical chemistry, quantum phenomena, or a related discipline
- A strong background in experimental condensed matter research
- A proven track record in inelastic neutron scattering research would be a distinct advantage
- Very good command of written and spoken English
- Initiative character, creativity, good interpersonal communication and presentation skills, result orientation, and analytical skills
- Ability to work independently and as a team player in JCNS
- Readiness for on-call duty during the user operation periods

Our Offer:
We work on the very latest issues that impact our society and are offering you the opportunity to actively help in shaping change. Here is what Forschungszentrum Jülich can offer you:

- Exciting working environment on an attractive research campus, ideally situated close to the city of Munich
- The position represents an excellent opportunity to carry out research in condensed matter using neutron scattering in a multidisciplinary team at MLZ
- Promoting professional development through participation in national and international conferences and through various training programs
- Flexible working hours in a full-time position (39 hours / week) with the option of slightly reduced working hours
- 30 days of annual leave and provision for days off between public holidays and weekends (e.g. between Christmas and New Year)

In addition to exciting tasks and a collaborative working atmosphere at Jülich, we have a lot more to offer: https://go.fzj.de/benefits

You will be initially employed for a fixed term of two years but with the prospect of longer-term employment. Salary and social security benefits will conform to the provisions of the Collective Agreement for the Public Service (TVöD-Bund), pay group 13–14, depending on your current qualifications and the precise nature of the tasks assigned to you.

Place of employment: Garching (Munich)

We welcome applications from people with diverse backgrounds, e.g. in terms of age, gender, disability, sexual orientation / identity, and social, ethnic, and religious origin. A diverse and inclusive working environment with equal opportunities, in which everyone can realize their potential, is important to us.

We look forward to receiving your application by March 10, 2024, via our Online Recruitment System!

Questions about the Offer?
Please feel free to contact us via our contact form. Please note that for technical reasons we cannot accept applications via email.

You can find helpful information on the application and selection process here. You can also find answers to frequently asked questions in our FAQs.

www.fz-juelich.de

WE WERE AWARDED

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