

IT Support Specialist HPC

at the Regional Computing Centre (RRZK/ITCC)

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The Regional Computing Centre (RRZK/ITCC) is a central facility of the University of Cologne. Its department „High Performance Computing (HPC) and Visualization“ operates a high-performance cluster available to researchers from North Rhine-Westphalia (NRW). The HPC system is being used increasingly for complex problems in the life sciences that require special support.

YOUR TASKS

As part of the HPC team, you and your colleagues are responsible for operating the high-performance cluster. Your tasks include:

- » Installation, configuration and maintenance of software on the HPC system
- » Future development and optimization of software and workflows
- » Identification and elimination of vulnerabilities (performance, security), development of user-friendly interfaces
- » Migration of software to automated software management systems and virtualization/container technologies
- » Creation and implementation of backup and transfer strategies
- » Support of group members in software issues and programming activities

YOUR PROFILE

- » University degree in computer science or a related discipline or relevant vocational training with several years of professional experience
- » Several years of professional experience in an HPC environment and/or in IT project management
- » Good knowledge of Linux and shell programming
- » Team-oriented personality and consulting experience
- » Diligent, careful and proactive working style
- » Very good communication skills in German and English
- » Knowledge in biology is an advantage

WE OFFER

- » Exciting position at the interface between research and IT
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The position is available from the earliest possible starting date on a full-time basis (39,83 hours per week). It is a permanent position. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on the pay scale for the German public sector up to remuneration group 12 TV-L. The future job holder will work partly at the RRZK/ITCC and partly in a research group at the University Hospital Cologne.

Please apply online with proof of the required qualification without a photo under: <https://jobportal.uni-koeln.de>. The reference number is TUV2305-01. The application deadline is 01 June 2023. For further inquiries, please contact Peter Heger (heger@uni-koeln.de) or Viktor Achter (vachter@uni-koeln.de).