



System Administrator of scientific cluster

LS-PHYCHE-2022-001854

Laboratory of Computer-Aided Molecular Design

WE ARE HIRING

We are looking for a motivated **system administrator** at the new laboratory of Computer-Aided Molecular Design (Division of Medicinal Chemistry, Medical University of Graz). Candidates should have hands on Linux operating systems, job cluster software and programming. The successful candidate will be responsible for the administration of our scientific cluster based on GPU- and CPU-based architectures. Our research focused on the use of modern computational methods for protein engineering (molecular dynamics, quantum mechanics, neural networks). The offered position is part time (20h/week) and ideal for Computer Science, Chemistry or Physics Master students or technician in the field of Informatics who want to have a first contact within a multi-disciplinary scientific environment. The duration of the employment is 1 year with possibility of extension. Possibility of working remotely some days of the week. The contract will be established according to the collective bargaining agreement of the Medical University of Graz (IT technician, 20h/week).

Tasks

- Maintenance and administration of our scientific cluster
- Integration of computational chemistry workflows for the standardized processing in our cluster
- Provide support to CAMD group members on computational-related concepts, applications and tools
- Maintenance of the website of the group

Requirements

- BSc degree on Chemistry, Physics, or Mathematics or similar degree from the HTL.
- Experience with Linux operating systems
- (Ideal) Experience in SLURM
- (Ideal) Knowledge in high performance computing
- Knowledge in programming languages like Python, R and Shell scripting
- Excellent command of English

<https://www.medunigraz.at/en/job-openings/general-university-staff?job=LS-PHYCHE-2022-001854>

APPLY HERE!!



Laboratory of
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