



DATA MANAGEMENT.

DESY, Hamburg location, is seeking: Computer Scientist (m/f) for Data Management and Real-time Analysis

DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics.

The group information technology (IT) provides infrastructures, like Compute Cloud, HPC cluster or large high-performance storage systems, and services for computing and data management for DESY and its guests. DESY IT takes part in several international collaborative projects related to data streaming, management and analysis in a distributed computing environment.

The position

- Establishing a data management platform for HPC simulations of experiments at the European XFEL
- Establishing Data Analysis as a Service (DaaS) and deployment of scientific workflows on HPC and cloud infrastructures
- Data streaming for real-time and distributed data analysis
- Active contribution to international collaborative projects
- Close collaboration with HPC and Compute Cloud administrators

Requirements

- University degree in physics, mathematics or computer science
- Experience in scientific and cloud computing
- Experience with software deployment using container technologies
- Good knowledge of MPI, C/C++ and in particular scripting languages like Python
- Administrator level knowledge of Linux
- Knowledge of Jupyter and distributed messaging would be beneficial
- Good knowledge of English
- Teamwork, communication and presentation abilities

For further information please contact Dr. Frank Schlünzen
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+49-40-8998-2318 (yves.kemp@desy.de).

The position is limited to 31.12.2019.

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. Handicapped persons will be given preference to other equally qualified applicants. DESY operates flexible work schemes. DESY is an equal opportunity, affirmative action employer and encourages applications from women. Vacant positions at DESY are in general open to part-time-work. During each application procedure DESY will assess whether the post can be filled with part-time employees. There is a bilingual kindergarten on the DESY site.

We are looking forward to your application quoting the reference code preferably via our electronic application System: Online-Application

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: FHMA040/2017

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Deadline for applications: 1 October 2017

www.desy.de