



SCIENTIFIC BIG DATA ANALYTICS.

DESY, Hamburg location, is seeking: Computer Scientist (m/f) for Scientific Big Data Analytics

remuneration group 14

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

- Developing tools for 3D image analysis
- Developing tools for 3D feature recognition, focussing on convolutional neural networks
- Integration of tools in data analysis and data management pipelines
- Active contribution to national and international collaborative projects
- Close collaboration with HPC and Compute Cloud administrators

Requirements

- University degree in physics, mathematics or computer science
- Good knowledge of higher programming languages and scripting languages like python
- In depth knowledge of Linux operating systems
- Knowledge of image processing and ML/DL methodologies are very beneficial
- Experience with Photon Science experiments are a plus
- Very good knowledge of English
- Teamwork, communication and presentation abilities

For further information please contact Dr. Frank Schlünzen
+49-40-8998-3526 (frank.schlunzen@desy.de)

The position is limited to 3 years.

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: FHMA059/2017

Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-3392

Email: recruitment@desy.de

Deadline for applications: 5 February 2018

www.desy.de