



EISCAT Scientific Association

Applications Developer

Kiruna, 21 March 2019: EISCAT Scientific Association is recruiting an Applications Developer for EISCAT3D

Job Description

The EISCAT Scientific Association is recruiting an Applications Developer for its EISCAT3D project. EISCAT3D is a major scientific research instrument and infrastructure composed of three large phased-array antennas, a powerful transmitter, and complex computation/processing hardware and software (see e.g. <https://www.eiscat.se/about/eiscat3d7/>). The implementation phase started 1 September 2017 and the system will be ready for use in 2021. This will be a varied role primarily concerned with the development and maintenance of the web interface to EISCAT3D which will be used for all day to day operations by both the users and the system operators. As the EISCAT3D system will be remotely operated this role also covers the development and maintenance of PC or tablet applications to allow remote system maintenance tasks such as powering on and off the system and calibration. EISCAT3D will operate for decades so the role would suit someone familiar with balancing features and dependencies against maintenance costs.

EISCAT3D will be operational in 2021 and the successful applicant will have the freedom to design and implement these applications from scratch.

Main Duties

Development and maintenance of the user facing software of the E3D system. This will include websites for both users and system operators, and applications for system maintenance.

Skills and Experience

Required:

- Familiarity with web technologies
- GUI application development using an open source toolkit
- Linux
- Documentation
- EU work permit

Desired:

- Security
- Experience with long established code bases
- Mobile device application development

Terms and Conditions

The employment terms are comparable to state employment rules. This means 28 - 35 days annual vacation (depending on age), relocation coverage, good pension benefits and insurance coverage, etc.





The employment terms, including length of employment, are subject to negotiations but should not be less than for two years. The affiliation is with EISCAT Headquarters in Kiruna, Sweden and the primary work location will also be in Kiruna. A second work location, either at one of the other EISCAT sites, or at some other location, including a home-office, can be negotiated.

For further work specific details, please contact Simon Brown, Software Engineer phone: +46 72 581 33 02, e-mail: simon.brown@eiscat.se. For employment related matters, please contact Henrik Andersson, Head of Administration, phone: +46 70 209 43 85, e-mail: Henrik.Andersson@eiscat.se.

How to apply

Applications should be sent to e3djobs@eiscat.se (subject: Applications Developer) at earliest convenience. The vacancy is open until filled.