

Department of Physics, University of
Oulu, Finland, invites applications for

UNIVERSITY of OULU
OULUN YLIOPISTO



Doctoral student position in Space Physics

The doctoral student will work in a research project funded by the Academy of Finland. The objective of the project is to study how and where the energy entering from near-Earth space dissipates into the polar ionosphere, as well as ionospheric coupling with the neutral atmosphere. The project will utilize measurements made by the EISCAT radars (<http://www.eiscat.se>) and different kind of satellite and ground-based observations.

Description of the position

The doctoral student will work under the supervision of Dr Anita Aikio. Collaboration will be made with a research group at the Finnish Meteorological Institute in Helsinki as well as with foreign collaborators. In addition to a research work, the doctoral student will undertake courses that are required for the Doctor's degree and give a small amount of teaching.

The PhD student position is first filled for one year with a possibility for up to 2–3 years extension upon performance.

Qualification criteria

Master's degree in physics, astrophysics, or a closely related field is required. Good spoken and written skills in English are also a requirement. The candidate should have scientific programming skills (e.g. Fortran, C/C++, MatLab or IDL). Earlier studies in Space Physics are an advantage, but good knowledge of Electromagnetism is a necessity.

Application

Interested candidates should send their application containing (1) a letter of application, (2) official transcript of records, (3) the curriculum vitae, and (4) the names, addresses and means of contact of two referees. Submissions by email to anita.aikio@oulu.fi are preferred (please send the documents in the form of a single PDF file not exceeding 10 MB). The mail address is: Anita Aikio, Dept. Physics, P.O. Box 3000, FIN-90014 University of Oulu, Finland

Applications received prior to 4 February 2011 are assured full consideration; however, the position will be open until filled.

For specifics about the position, contact Dr. Anita Aikio (anita.aikio@oulu.fi, tel. +358-8-5531363).