



UPPSALA
UNIVERSITET

Assistant Professor/Research Associate in Experimental Elementary Particle Physics with ATLAS at LHC

The High Energy Physics Collider Group of the Department of Nuclear and Particle Physics at Uppsala University in Sweden is involved in the ATLAS project at CERN's Large Hadron Collider (LHC). The Group has provided 300 of the 2000 SemiConductor Tracker (SCT) modules of the ATLAS central tracking system and is responsible for the build-up and operation of the SCT Detector Control System. The Group is currently pursuing an extensive program of physics simulation studies of the potential to discover the charged Higgs boson with ATLAS. For further information about the Group see <http://www4.tsl.uu.se/~Atlas/index.html> and about the Department <http://www.isv.uu.se>.

The Research Associate position can be held for a maximum of 4 years. The task of the appointee is to perform physics analysis of ATLAS data, which includes supervision of students at postgraduate level, and to participate in the operation of the ATLAS detector. The opportunity to teach at undergraduate and postgraduate level will be given. The candidate must have a PhD. Priority will be given to applicants who have completed their PhD within 5 years of the application deadline. The candidate should have the necessary skills and qualifications to teach physics undergraduate courses in Swedish or English.

In the selection among the qualified applicants particular importance will be attached to scientific excellence in Elementary Particle Physics. Applicants with a successful record in simulation studies and data analysis of collider-based particle physics experiments will be given first priority.

The salary level is 27 000 SEK/month and upwards depending on qualifications.

A complete version of this advertisement is available at <http://www.personalavd.uu.se/ledigaplatser/engindex.html>. The application must be written in English and be addressed to the Vice-Chancellor of Uppsala University and have reached the University Registrar, UFV-PA 2006/2060, Box 256, SE-75105 Uppsala, Sweden, fax +46 18 471 2000 by latest 2006-10-31. A fax should be followed by a signed original of the application sent within a week of the deadline. The applicant is required to submit two copies of documents and one copy of publications according to instructions found on the web site <http://www.teknat.uu.se/english/instructions.php>

For further information about the position, please contact Prof. Tord Ekelöf, phone +46 18 471 3847, e-mail Tord.Ekelof@tsl.uu.se