The Institute of High Energy Physics of the Austrian Academy of Sciences in Vienna is a member of the CMS experiment at the Large Hadron Collider (LHC) at CERN, the European laboratory for particle physics in Geneva. The Austrian group participates in the development of the event selection system ("trigger"). This system filters out only the most interesting particle collisions from the millions occurring each second.

For our team of physicists, engineers and technicians we have a job opening, at the earliest possible date, for an

**ELECTRONICS ENGINEER / IT ENGINEER / PHYSICIST**

Your area of work:

- Firmware programming and software development for the new electronic trigger system in the framework of the upgrade of the CMS experiment
- System development and integration
- Commissioning and tests of the new trigger electronics in Geneva
- Maintenance and further development of the existing trigger system

Your qualification:

- Completed studies in electronics, informatics, physics or in a similar field at a University, a University of Applied Sciences or a polytechnical college
- Programming skills (C++, Python, VHDL, ...)
- Good communication and teamwork abilities
- Good knowledge of English

We offer:

- An interesting field of work in an international research project
- Varied and challenging tasks
- Independent work

Duration of employment:

The standard weekly work period is 40 hours. A lower number of hours may be negotiated. The duration of the contract is initially limited to one year. Renewal is possible, depending on conditions.

Place of work:

Vienna. Travels to CERN in Geneva are to be foreseen.

Salary:

The salary grade and level will be determined according to the collective agreement of the Austrian Academy of Sciences. The minimum gross salary (40 hours per week) is 1856,20 €/month (14 times per year).

The **Austrian Academy of Sciences** seeks to increase the number of female scientific staff and encourages qualified women to apply. If a female applicant is as qualified as the best male one, she will be given preferential consideration, unless reasons related to the personality of the applicant prevail.

We are also committed to hiring suitably qualified persons with disabilities and explicitly invite such persons to apply.

Applications (by E-mail) and further details:

Univ.-Doz. Dr. Dipl.-Ing. Claudia-Elisabeth Wulz
Tel. +41 75 411 0919, E-mail: claudia.wulz@cern.ch

More information: