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## **Postdoctoral fellowship in experimental elementary particle physics with the ATLAS experiment**

The Department of Physics and Astronomy at Uppsala University, Sweden has an opening for a two-year postdoctoral position in experimental particle physics, starting April 1, 2023 or as agreed upon. The position is funded by the Carl Trygger Foundation, in the form of a two-year scholarship, which will be paid directly to the postdoctoral fellow. Additional funds for travel and equipment are available.

The successful candidate will work on physics analysis using data from the ATLAS experiment at the Large Hadron Collider, especially focusing on exotic decays of vector-like quarks. In addition, the successful candidate will be expected to co-supervise undergraduate students and/or PhD students and contribute to the maintenance and operation of the ATLAS experiment, as required by the collaboration.

The candidate must have a doctoral degree in physics or equivalent, from a different institute than Uppsala University. Previous experience with experiments at colliders such as the LHC or the Tevatron, or a similar background, is required. The PhD degree should ideally not be older than six years at the start of the position. Proficiency in written and spoken English is necessary. Previous work with physics beyond the Standard Model with the ATLAS experiment is a merit.

Uppsala University aims for gender balance and diversity in all activities in order to achieve a higher quality at all levels of the organization. We therefore welcome applicants of any gender and with different birth background, functionality and life experience.

For more information about the Department of Physics and Astronomy, please see <http://www.physics.uu.se>.

### ***The complete application should contain***

- CV (max 2 pages)
- Personal letter stating research interests and motivation for applying for this particular position (max 2 pages)
- Certificates for obtained academic degrees.
- A list of your publications
- Name and contact information to at least 2 people who will provide letters of reference supporting your application.

The **2 letters of recommendation** should be sent directly by the referees, no later than the end of the application time, to [elin.bergeaas.kuutmann@physics.uu.se](mailto:elin.bergeaas.kuutmann@physics.uu.se)

**The application should be sent no later than February 25, 2023, to:**

Elin Bergeås Kuutmann, associate professor, [elin.bergeaas.kuutmann@physics.uu.se](mailto:elin.bergeaas.kuutmann@physics.uu.se)