

## Experimental postdoctoral positions in High Energy Physics

The experimental HEP group of Tel Aviv University is seeking for an outstanding postdoc fellows (f/m) to work on the ATLAS experiment and on detectors R&D for future experiments.

The group works on development of machine learning techniques for the TDAQ upgrade of the ATLAS detector.

In addition, the physics analysis includes searches or measurements for BSM Physics within the Exotics, HDBS and Higgs physics groups.

The successful candidates are expected to play a leading role in both the ATLAS analysis, and will also contribute to the upgrade of the ATLAS TDAQ system.

### Jobs description

The candidates will be based at Tel Aviv with frequent commuting to CERN. They will take active role in the operation and analysis of the ATLAS experiment.

### Requirements

Ph.D. in experimental particle physics (completed within the last four years).

Experience in LHC analysis and / or machine learning development are desirable.

Teamwork abilities, communication skills, fluent in English.



### Salary and benefits

Following the University regulations: <http://www.tau.ac.il/acad-sec/postgo/>.

The positions are initially for two years, and can be extended to three years.

### Application

Application should include a CV.

Applicants should arrange to have three letters of reference.

In your application please write your preferred activity - the ATLAS analysis, the upgrade development studies, or combination of the two. Applications and recommendation letters should be sent by email to [lironbarak1@mail.tau.ac.il](mailto:lironbarak1@mail.tau.ac.il) and [erez@cern.ch](mailto:erez@cern.ch) with a subject title **HEP Postdoc Search**.

The review of the applications will begin immediately and will continue until the positions are filled.