

Postdoctoral position in the Technion ATLAS group

The ATLAS group at the Technion seeks to appoint a

Postdoctoral research associate to work on the ATLAS experiment at the CERN collider. We have a position available for an excellent postdoctoral researcher to join an exciting novel analysis. The analysis is searching for a BSM muon-philic force that could manifest in BSM interactions inside the ATLAS calorimeter.

The analysis requires a good knowledge of muon reconstruction, as it may require dedicated reconstruction, as well as detector simulation, but this knowledge can be obtained on-the-job. The postdoctoral associate is also expected to also take a role in the development of muon reconstruction with the New Small Wheel. Successful candidates will be based at CERN with regular visits to the Technion.

Requirements

You have a PhD in particle physics and extensive experience in both data analysis and software development for particle physics experiments; familiarity with algorithm development, OO design and programming in C++ and python is an asset. You are expected to have good communication skills and be able to work in an international team.

Information

The position is for up to five years. For further information please contact Prof. Shlomit Tarem.

Applications

To apply, please send a CV, statement of research interests and list of publications, along with 3 letters of recommendation, by email to Prof. Shlomit Tarem.