



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

The Particle Physics Department (DPNC) of the University of Geneva invites applications for a

Postdoctoral Research Associate

position on the ATLAS Experiment at the Large Hadron Collider at CERN.

The DPNC ATLAS group contributed significantly to the construction of the silicon-strip detector and the Insertable B-Layer (IBL) and has now a leading role in the operation of the Pixel detector, the Pixel phase-2 upgrade and the high level trigger.

A strong physics-analysis program is pursued, presently with emphasis on searches for new physics. This focus will evolve as the physics opportunities at the LHC evolve. In particular the group has expertise in flavour-tagging, boosted objects and application of machine learning to open HEP problems. The selected candidate is expected to strengthen and expand the group's expertise and to play a leading role in physics analysis activities.

The position is initially limited to two years, with the possibility of a maximum of two extensions subject to successful funding.

Applications should be sent to Tobias.Golling@unige.ch and should include a CV, a publication list and a short statement of research interest. The candidate should also provide the names of three referees who could be contacted for letters of recommendations.

Review of the applications will start immediately and continue until the position will be filled. To receive full consideration, applications should be sent *before 30 June 2017*.