



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES

The Department of Nuclear and Particle Physics (DPNC) of the University of Geneva has an immediate opening for a

Postdoc Position in Experimental Astroparticle Physics

We are offering a postdoctoral physicist position to an outstanding and highly motivated candidate to join the Space Astroparticle Physics group to work on detector R&D for the High Energy Radiation Detection Facility (HERD) project, with possible participation in the data analysis of the DAMPE experiment.

The DPNC group is participating in several space-based astroparticle and astrophysics experiments, including AMS-02, POLAR, DAMPE, and the future mission HERD. We are looking for a recent Ph.D graduate to play a leading role in the R&D effort of the group to develop a large area scintillating fiber tracker for HERD. The successful candidate has the also possibility to participate in DAMPE or AMS-02 data analysis. DAMPE is providing a very unique opportunity for cosmic ray physics research in the multi-TeV region. Currently the group is focusing on measurements related to cosmic ray electron, proton and Helium, as well as on the gamma ray astronomy.

The position is for a fixed term of 2 years, with possibility of extension. The candidate is required to have a Ph.D in experimental particle or astroparticle physics and to have demonstrated the capability to independently complete a complex particle physics measurement or a hardware project. Experience with particle detector hardware and advanced data analysis techniques will be a strong asset.

Interested candidates are requested to submit a brief statement of research interests, a CV, and to arrange 3 letters of recommendations to be sent to Prof. Xin Wu (xin.wu@unige.ch). Applications will be accepted until the position is filled. Further inquiries can be sent to the same address.