



FACULTÉ DES SCIENCES

SECTION DE PHYSIQUE

DÉPARTEMENT DE PHYSIQUE NUCLEAIRE ET
CORPUSCULAIRE

Quai Ernest-Ansermet 24 | CH-1211 Genève 4

Tél. 022 702 63 69 Fax 022 781 21 92

UNIVERSITÉ DE GENÈVE

UNIVERSITY OF GENEVA

The Neutrino physics group of the Department of Particle Physics (DPNC) has an opening for a

**Research Associate
(Maître-assistant)**

Candidates must have a PhD degree in physics, appropriate experience in experimental Particle Physics, and a good knowledge of software and data analysis. The position involves teaching duties. Mastering -- or willingness to learn -- French will be appreciated.

The group has a vibrant program of present, near future and far future neutrino experiments. We are currently involved in the preparation of the T2K experiment in Japan, in particular in the production and testing of the TPC tracker for the near detector, and in the related NA61/SHINE experiment at CERN measuring particle production in the T2K target. We also want to increase our involvement in the preparation of analysis for the T2K data.

The group plays an important role in the Muon Ionization Cooling Experiment MICE at RAL, and takes part in the construction of the fully active MICE calorimeter. The technology used makes it a prototype for future neutrino short and long baseline detector systems. Finally as is well known, University of Geneva has been strongly involved in the preparation of the future precision neutrino facility aiming at the discovery of leptonic CP violation.

The selected candidate will rapidly take important responsibilities in the group. Candidates should preferably be less than 32 years old. The initial duration of the contract is 3 years. The post will be attributed when an excellent candidate will have been selected. Candidates should forward at their earliest convenience motivation letter, curriculum vitae and two reference letters to:

Madame Catherine Blanchard (Catherine.blanchard@physics.unige.ch)
Secrétariat
Département de physique nucléaire et corpusculaire
24, quai Ernest-Ansermet
CH-1211 Genève 4 SUISSE

Information concerning this position can be obtained from Pr. Alain Blondel (alain.blondel@cern.ch) to whom it is recommended to address an electronic copy of the application.