

POSTDOCTORAL FELLOWSHIPS IN ASTROPARTICLE PHYSICS (ICECUBE)

The astroparticle physics group at the University of Alberta (UofA) (see <https://www.ualberta.ca/physics/research/particle-physics>) is seeking multiple outstanding candidates to join our activities on IceCube including its "IceCube-Gen2" detector upgrade.

The UofA hosts a large astroparticle physics group with leading efforts on IceCube, the SNO+ neutrino detector as well as the PICO and DEAP dark matter search projects. The UofA IceCube group has a leading role in analysis of IceCube data and in IceCube upgrades (IceCube-Gen2).

The fellowships will be based at the University of Alberta and may potentially involve travel to the South Pole. Experience in the field of neutrino astroparticle physics and/or dark matter searches or related experiments is an asset.

The successful candidate will be expected to analyze IceCube data and lead the development of the planned detector upgrades including new optical modules.

Candidates should have a recent PhD in experimental astroparticle physics, nuclear or particle physics, or in a closely related field. The original appointment will be for two years, up to three years in special circumstances, subject to funding. The stipend will be commensurate with qualifications and experience.

To Apply:

Applicants should include a detailed CV, a brief statement of research interests, and arrange to have at least two letters of reference forwarded to:

Prof. Claudio Kopper (kopper@ualberta.ca)
Centre for Particle Physics
Department of Physics CCIS 4-181
University of Alberta
Edmonton, Alberta, CANADA T6G 2E1

The review of applications will begin on September 1st, 2017 and will continue until the opportunities are filled.

All qualified candidates are encouraged to apply. We thank all applicants for their time and effort but only those selected for an interview will be contacted. Applicants may be considered for future vacancies.

The University of Alberta offers appointments on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.