Postdoctoral Positions in Experimental Neutrino Physics on nEXO

Applications are invited for two postdoctoral positions, available immediately, with the Laurentian University Particle Astrophysics Group at SNOLAB, Sudbury, Canada, to support research efforts on nEXO in the search of neutrinoless double beta decay in xenon.

Candidates must hold a recent Ph.D. degree in experimental particle or nuclear physics, or in a related field, at the time of appointment. The successful candidates will take leading roles in one of these areas:

- **Radioactive Background Control (Radon) and Calibrations**
  Demonstrated experience is required in detector development and ultra-low backgrounds. Experience in radon mitigation and in radiochemistry are assets.

- **Cosmogenics and Outer Detector development**
  Demonstrated experience is required with Geant4 and FLUKA simulation software packages. Experience in the development of water Cherenkov detectors and in data analysis are assets.

The initial appointment will be for one year, with possible extension. Applicants should forward a Curriculum Vitæ, a statement of research interests, and a list of three referees to be contacted later, by email only, directly to:

Prof. Jacques Farine
Jacques.Farine@snolab.ca
Emeritus Professor, Laurentian University
Senior Research Scientist, SNOLAB

SNOLAB/Laurentian University are committed to equity in employment and encourages applications from all qualified applicants including women, aboriginal peoples, members of visible minorities, and persons with disabilities. Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents. Accommodations are available for applicants with disabilities throughout the recruitment process.

The review of applications will begin April 15, 2022. Applications will be accepted until the positions are filled.