



**Postdoctoral Fellow (SNO+ Detector Manager)
Experimental Neutrino Physics
Department of Physics, Engineering Physics & Astronomy
Queen's University**



The particle astrophysics group at Queen's University is seeking applicants for a postdoctoral researcher position on the SNO+ experiment. SNO+ is a 780-tonne liquid scintillator experiment that will be used to study solar, geo, reactor, and supernova neutrinos and to search for neutrinoless double beta decay of ^{130}Te (see <http://snoplus.phy.queensu.ca>). The successful candidate will take on the role of SNO+ Detector Manager, which involves taking leading roles in the operation and calibration of the SNO+ detector. The incumbent will collaborate closely with the SNO+ and SNOLAB operations teams and coordinate the contributions of all SNO+ collaborators in detector operations and calibrations. The position will be based at the SNOLAB facility in Sudbury, Ontario but will involve some travel to Queen's University in Kingston, Ontario. The direct supervisors for the position are Prof. Mark Chen (Queen's University) and Prof. Christine Kraus (Laurentian University/SNOLAB).

The successful candidate will have a PhD in experimental particle physics, nuclear physics, or astroparticle physics, with further experience considered an important asset given the significant responsibilities associated with this position. The original appointment will be for two years, with the possibility of renewal. Salary will be commensurate with qualifications and experience.

Applicants should submit a statement of research interests and a detailed CV, and arrange to have at least three letters of reference mailed to:

Mark Chen
SNO+ Project Director
Department of Physics, Engineering Physics & Astronomy
Queen's University
Kingston, ON K7L 3N6
Canada

or sent by e-mail to: mchen@queensu.ca.

Queen's University thanks all who express an interest and advises that only those selected for an interview will be contacted. Review of applications will begin immediately and will continue until the position is filled.

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from all qualified candidates including women, visible minorities, aboriginal people, persons with disabilities and persons of any sexual orientation or gender identity.