

Research Scientist



Science Division
Full-Time position
2 Positions

About Us

SNOLAB is an international facility for world-class underground physics research and has an expanding programme in astroparticle physics and underground science. Located in an air-conditioned clean room 2 km underground in the Vale Creighton Mine near Sudbury Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter.

The Position

Research Scientists at SNOLAB are expected to conduct assistant professor-level self-directed research in experimental physics through work on SNOLAB experiments. The SNOLAB programme includes nuclear and astroparticle physics, as well as research, development and planning for future underground experiments.

SNOLAB has ongoing research in SuperCDMS, DEAP, SNO+, MiniCLEAN, PICO, DAMIC, NEWS-G, low radioactive background assay and counting, biological impacts of the underground environment, and mining operations.

The resources at SNOLAB include deep underground laboratories, surface laboratories, and engineering and technical staff.

Successful Research Scientists at SNOLAB will require:

- Oral and written communication with peers and the public in conferences and in journals;
- Demonstrating intellectual, organization, and/or technical accomplishments;
- Ability to form and lead teams of interdisciplinary staff to complete complex projects;
- Collaborating with the external scientific user community to ensure experimental projects can best leverage the SNOLAB resources.

Criteria

Education:

A Ph.D. in Physics or relevant subject.

Experience and Qualifications:

Significant experience as a Post-Doctoral researcher;

Demonstrated ability to carry out independent research;

Demonstrated experience in experimental nuclear or particle physics;

Excellent oral and written communication skills as demonstrated by presentations at conferences and a strong record of publications in relevant journals.

Salary Range

Salary will be determined by qualifications and experience and includes an attractive benefits package. Relocation assistance will be determined in accordance with SNOLAB policies.

To Apply

All applications must be submitted to jobs@snolab.ca. **Please do not fax or mail your applications.** By applying to the e-mail address, your application becomes available to managers immediately. Interested candidates should include a cover letter, curriculum vitae, a statement of past and planned research, and a list of at least three references.

Closing Date

The posting will remain open until the positions are filled, but review of applications will commence November 30th. SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, aboriginal peoples, members of visible minorities and persons with disabilities.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at www.snolab.ca

Posting Date: November 1, 2017