

UNIVERSITY OF TORONTO
DEPARTMENT OF PHYSICS
Faculty Position in Experimental Particle Astrophysics

The Department of Physics at the University of Toronto invites applications for one tenure-stream appointment in the area of Experimental Particle Astrophysics. This appointment will be at the rank of Assistant Professor and will commence on July 1, 2018.

The University of Toronto is a member of the Canadian Particle Astrophysics Research Centre (CPARC), a program supported by the Canada First Research Excellence Fund (CFREF). A major goal of CPARC is to build a transnational research team contributing to the many diverse requirements of a world-leading particle astrophysics research program including the SNOLAB experimental program. The experimental high energy physics group at the University of Toronto has researchers who are already contributing to this goal through the search for dark matter at SuperCDMS-SNOLAB and the study of neutrinos at T2K, Super-Kamiokande, and Hyper-Kamiokande.

We seek candidates with a Ph.D. in Physics at the time of appointment or shortly thereafter, and with evidence of excellence in both research and teaching. The successful candidate will be expected to mount an innovative and competitive research program. We are seeking outstanding candidates whose research is complementary to existing research efforts in the Department of Physics and well-aligned with the research goals of CPARC. Evidence of excellence in teaching is demonstrated through teaching accomplishments, performance as a teaching assistant, experience leading successful workshops or seminars, student mentorship, conference presentations, as well as strong letters of reference and teaching materials submitted with the application, including a teaching statement. Excellence in innovative research is demonstrated by a record of publications in top-ranked and field-relevant academic journals, or a research pipeline that is at high international levels, presentations at major conferences, awards and accolades, and strong endorsements by referees of high international standing.

In addition to collaborations within CPARC, the successful candidate will have the opportunity to collaborate with existing groups in experimental and theoretical high-energy physics at the University of Toronto as well as with researchers in related fields in the Department of Physics, the Department of Astronomy and Astrophysics, and the Canadian Institute for Theoretical Astrophysics.

For more information about the Department of Physics, please visit us at <http://www.physics.utoronto.ca/>. Information about experimental and theoretical high-energy research in the Department of Physics can be found at: <http://www.physics.utoronto.ca/research/experimental-particle-physics> and <http://www.physics.utoronto.ca/research/theoretical-high-energy-physics/>. Information about CPARC partners can be found at: <https://www.cparc.ca/about/partnerships.php>.

Salary will be commensurate with qualifications and experience.

All qualified candidates are invited to apply by clicking the 'apply online' link below.

Applications should include a cover letter, a curriculum vitae, a statement outlining current research interests, and a statement of teaching philosophy. In addition, applicants should ask at least three referees to send reference letters directly to the Department Chair, Stephen Julian, via email to chair@physics.utoronto.ca. Review of applications will begin on January 29, 2018 and applicants should endeavor to have all materials submitted by then, however applications will be accepted until the position is filled.

Submission guidelines can be found at: <http://uoft.me/how-to-apply>. We recommend combining documents into one or two files in PDF/MS Word format.

If you have questions about this position, please contact chairsec@physics.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.