Field of Specialization:	Theoretical Particle Physics
Academic Unit:	Physics
Category of Appointment:	Preliminary (Tenure-Track)
Rank/Position Title:	Assistant Professor
Start Date:	July 1, 2020
Closing Date:	Applications will be reviewed starting December 15, 2019

About the Position:
The Physics Department invites applications from qualified candidates for a tenure-track appointment in theoretical particle physics at the rank of Assistant Professor beginning July 1, 2020.

We invite applications from outstanding scientists who have demonstrated research creativity and have the ability to attract excellent co-workers and students. We seek a candidate with research expertise in theoretical particle physics phenomenology, including collider physics, model-building, and/or astroparticle physics. The candidate will be expected to interact closely with the existing Carleton group in theoretical particle physics (**www.physics.carleton.ca/theory**). The successful candidate will be expected to develop a world-class externally-funded research program, supervise students, and be committed to excellence in teaching.

We encourage applications from candidates from groups underrepresented in physics and/or with experience in mentoring students from such groups.

About the Academic Unit:
The Carleton University Physics Department (http://physics.carleton.ca) has a strong particle physics research program. The Carleton theory group consists of Profs. Bruce Campbell, Stephen Godfrey (emeritus), Thomas Grégoire, Heather Logan, Daniel Stolarski, and Yue Zhang. The Carleton theory group's interests are primarily in particle physics phenomenology, including electroweak and Beyond the Standard Model physics and in dark matter physics. The astroparticle experiments group is developing an internationally recognized centre of expertise in the development and exploitation of detectors for dark matter and neutrino experiments. The collider group has important responsibilities in data analysis and detector development for the ATLAS collaboration. There is a strong and mutually beneficial interaction between the theory and experimental groups. The Department also has an active medical physics research group with comprehensive links to Ottawa's medical physics community.

Qualifications:
Applicants for this position must possess a Ph.D. and have established an excellent track record in theoretical particle physics. The successful candidate must demonstrate potential for excellence in teaching and possess a strong commitment to research, as reflected in their publication record. The successful candidate will have the ability to develop an externally-funded, high quality research program; will be committed to effective teaching at the undergraduate and graduate level; and will contribute effectively to the academic life of the Department of Physics at Carleton University.

Application Instructions:
Applications will be reviewed starting December 15, 2019 and will be accepted until the position is filled. Candidates should submit a curriculum vitae and a statement of their research and teaching interests, and should arrange for letters from three referees to be submitted via:

http://academicjobsonline.org/ajo/Carleton/Physics

For further information on the position please contact: Professor Heather Logan, Chair, Department of Physics, Carleton University, tel. +1 613-520-2600 ext. 4319, email **logan@physics.carleton.ca**.

Please indicate in your application if you are a Canadian citizen or permanent resident of Canada.

About Carleton University:
Carleton University is a dynamic and innovative research and teaching institution with a national and international reputation as a leader in collaborative teaching and learning, research and governance. With over 30,000 students in more than 100 programs of study, we encourage creative risk-taking, discovery, and the generation of transformative knowledge. We are proud to be one of the most accessible campuses in North America. Carleton's Paul Menton Centre for Students with Disabilities has been heralded as the gold standard for disability support services in Canada.

Carleton's location in Ottawa, Ontario provides many opportunities for scholarship and research with numerous and diverse groups and institutions. Canada's capital has a population of almost one million and reflects the country's bilingual and multicultural character. To learn more about our university and the City of Ottawa, please visit www.carleton.ca/about.

Carleton University is committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. We welcome those who would contribute to the further diversification of our university including, but not limited to: women; visible minorities; First Nations, Inuit and Métis peoples; persons with disabilities; and persons of any sexual orientation, gender identity and/or expression. Carleton understands that career paths vary. Legitimate career interruptions will in no way prejudice the assessment process and their impact will be carefully considered.

Applicants selected for an interview are asked to contact the Chair at **logan@physics.carleton.ca** as soon as possible to discuss any accommodation requirements. Arrangements will be made in a timely manner.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. All positions are subject to budgetary approval.