



UNIVERSITÉ  
LAVAL

Faculté de sciences et de génie

Département de physique, de génie physique et d'optique

# Faculty Position in Quantum Photonics

A vibrant community in the heart of Quebec City, Université Laval is a comprehensive francophone Canadian university recognized for its leadership and its culture of excellence both in teaching and research.

Université Laval invites applications for a tenure-track professor position jointly appointed to the Department of Physics, Engineering Physics and Optics. At the job starting date, the chosen candidate will be expected to hold a PhD in Physics, Engineering Physics, Electrical Engineering or a related field. The person selected will also be appointed to the Laval-Sherbrooke Interuniversity Chair in Quantum Optics.

As a new faculty member at Université Laval, the appointed candidate will be invited to join the Center for Optics, Photonics and Lasers (COPL) and Université de Sherbrooke's Institut quantique (IQ). Preference will be given to candidates with demonstrated expertise in one of the targeted areas, good oral and written communication skills, and a capacity for collaboration. Several research themes are related to this position in quantum photonics, including but not limited to:

- Quantum information
- Quantum optical communications
- Quantum photonic materials
- Quantum photonic components, devices and systems
- Integrated photonic circuits for quantum optics

The COPL ([www.copl.ulaval.ca](http://www.copl.ulaval.ca)) and IQ ([www.usherbrooke.ca/iq](http://www.usherbrooke.ca/iq)) offer excellent mentoring opportunities to help you develop your career to its fullest potential. In establishing your research program, you will be guided in obtaining research funding (both from government agencies and industry), as well as in the recruitment of graduate students and their research supervision. The selected candidate will be employed by Université Laval where teaching activities for undergraduate and graduate students will be conducted in French. Université Laval offers various means of learning and perfecting the French language during their first three

years of employment. Furthermore, faculty members are entitled to parental leave.

Interested candidates should email their curriculum vitae, a document describing their research program in quantum photonics (maximum 3 pages), a document outlining their teaching vision (maximum 2 pages), and the names and addresses of three references to [directeur@phy.ulaval.ca](mailto:directeur@phy.ulaval.ca).

**Review of applications will begin on March 10<sup>th</sup>, 2022 and continue until this position is filled. The earliest possible start date is June 1, 2022.**

Valuing equity, diversity and excellence, Université Laval is strongly committed to provide an inclusive work and living environment for all its employees. For Université Laval, diversity is a source of wealth, and we encourage qualified individuals of all origins, sexes, sexual orientations, gender identities or expressions, as well as persons with disabilities, to apply.

Université Laval also subscribes to an equal access to employment program for women, members of visible or ethnic minorities, Aboriginal persons and persons with disabilities. Adaptation of the selection tools can be offered to persons with disabilities according to their needs and in complete confidentiality. In accordance with Canadian immigration requirements, priority will be given to qualified individuals with Canadian citizenship or permanent residency.

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