



## PROFESSOR IN ENGINEERING PHYSICS

**Job Reference Number:** 18-PR-5

**Posting/Closing Date:** May 30, 2018 to August 9, 2018

**Workplace:** All buildings

**Department or Service:** Department of Engineering Physics

### Position summary

Polytechnique Montréal is one of Canada's leading engineering schools and engineering faculties and the largest in Québec with regards to its student population and the scope of its research activities, with more than 8,000 students and 1,000 employees. Polytechnique Montréal is seeking applicants for a Professor position in the Department of Engineering Physics in the field of advanced materials or energy. This position is directly related to the research activities of the Engineering Physics Department.

The Department of Engineering Physics at Polytechnique Montréal is recognized for the quality of its teaching and research activities, mainly in the fields of optics and photonics, advanced materials and devices, biomedical engineering, and nuclear and energy engineering. The Department is responsible for a bachelor's engineering program (B.Eng.) in engineering physics as well as graduate programs in engineering physics, nuclear engineering, and energy engineering. It employs approximately 22 professors and is home to 280 undergraduate students and 115 graduate students. The Department is known for the quality and scope of its experimental and numerical research facilities. Its members are active in major research and innovation networks.

### Major responsibilities

The successful candidate will be expected to carry out the basic duties of this position with a dynamic and creative approach. In particular, he or she will:

- demonstrate a commitment to excellence in teaching at every level in engineering physics;
- supervise graduate students;
- carry out innovative research projects;
- collaborate with internal research teams, including engineering physics as well as with the industry;
- contribute to building the reputation of Polytechnique Montréal in Québec and elsewhere.

### Area of expertise

The Department is seeking candidates with an excellent level of knowledge in physics and an extensive research experience in the field of experimental or theoretical physics of materials or energy. We solicit applications from candidates with research activities that harmonize the activities of the Engineering Physics Department or to any other emergent technologies.

## **Essential qualifications**

Applicants must hold a bachelor's degree and a doctorate in engineering, in physics or in a related field. The successful candidate must have an engineering license from the Ordre des ingénieurs du Québec (OIQ) or from an organization approved by Engineers Canada or take the necessary measures to obtain an approved license before obtaining tenure. Since the language of instruction is French, the candidates must demonstrate proficiency in French or the willingness to acquire a working knowledge of French within two years.

## **Conditions of employment**

This faculty position is a tenure-track. Salary and benefits will be set in accordance with the collective agreement between Polytechnique Montréal and its professors. More precisely, this last provides arrangements for work-life balance and offers maternity, paternity and adoption leave in addition to the Québec Parental Insurance Plan (<http://www.rqap.gouv.qc.it/>)

## **Applications**

Candidates should submit an application package consisting of a curriculum vitae, a statement of teaching goals and research priorities, records of teaching effectiveness, official records of their diplomas, the names of three references, examples of work relevant to the position and reprints of recent publications. Applications must be sent no later than August 9th, 2018 at 4:30 p.m. to:

Professor Alain Rochefort  
Department Head

Department of Engineering Physics  
Polytechnique Montréal  
P.O. Box 6079, Downtown Station  
Montréal, Québec H3C 3A7  
CANADA  
E-mail: [postes@phys.polymtl.ca](mailto:postes@phys.polymtl.ca)

The examination of applications will begin as soon as possible and will continue until the position is filled.

## **Equal-opportunity Employer**

Polytechnique Montréal applies an employment equity program and encourages women, members of visible and ethnic minorities, Aboriginal peoples and persons with disabilities to apply. Accommodation can be provided to persons with disabilities based on their characteristics.

We encourage all qualified candidates to apply; however, in accordance with immigration requirements, Canadians and permanent residents will be given priority.

[Human Resources Department](#)