

Information and communications technologies - Canada
Research Chair (Tier 2)
Ecole de Technologie Supérieure

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Job Title	Information and communications technologies - Canada Research Chair (Tier 2)
Department	Dean of Research
Institution	Ecole de Technologie Supérieure Montreal, Quebec
Date Posted	Jun. 28, 2018
Application Deadline	Aug. 21, 2018
Position Start Date	Jun. 28, 2018
Job Categories	Department Head/Head/Chair
Academic Field(s)	Electrical and/or Electronics
Apply By Email	CRC2-2018@etsmtl.ca

Job Description

The École de technologie supérieure (www.etsmtl.ca), "ÉTS Montréal", currently seeks applications for a Tier 2 Canada Research Chair faculty position, in the broad area of Information and Communications Technologies (ICT). Specific themes of interest include but are not limited to :

Connectivity :

- * Wireless and optical communications systems, Beyond 5G networks, V@V communications, digital video, Internet of Things, tactile Internet;
- * Optics-photonics, optoelectronics;
- * Microelectronics, RF components and embedded systems;
- * Cloud computing and dematerialization;
- * Cyber-security and privacy protection;

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* Embedded and real-time system development.

Intelligence :

* Artificial intelligence, machine learning;

* Big data, analytics, deep learning, data fusion, blockchains;

* Computer vision, pattern recognition, speech recognition, image processing;

* Cognitive and self-aware networks;

* Quantum computing.

The CRC program was created in 2000 by the Government of Canada to foster world-class research and development. This program retains and attracts talented people and scientists from around the world, and enables the most outstanding researchers within ÉTS Montréal to carry out their innovative work, thereby enhancing the institution's contribution to the country's growth, as well as its competitiveness on an international level. Potential candidates should consult the Canada Research Chairs website for full program information, including further details on eligibility criteria (www.chairs-Chaires.gc.ca).

ÉTS Montréal is looking for a talented candidate who can excel in a collaborative and multidisciplinary research environment. The candidate must have demonstrated remarkable abilities in high-level research, the ability to position himself as a reference researcher in his field, and to maintain quality in teaching and in graduate student supervision.

As part of the Université du Québec network with nearly 11,000 students, ÉTS Montréal is one of Canada's largest engineering schools with a dynamic and strong industry-oriented mindset. With its campus located in the "Quartier de l'innovation" (Innovation District) in downtown Montreal, ÉTS Montréal provides a vibrant multicultural environment with strategic access to several major industrial and academic research partners.

The Canada Research Chair is also open to internal candidates who already hold a tenure-track or tenured faculty position at ÉTS Montréal.

How to apply ?

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Tier 2 chairs are for emerging researchers (individuals who are no more than 10 years from having earned their highest degree). Nevertheless, where breaks in the candidate's research career exist due to maternity or parental leave, extended sick leave, clinical training, or family care, the Tier 2 justification process may be used to review a candidate's eligibility.

Interested applicants should submit as one PDF document :

- * A curriculum vitae with a complete list of publications (CCV, F100-NSERC, etc.)
- * A 3-6 page description of the proposed research program as required in sections [url=http://www.chairs-chaires.gc.ca/forms-formulaires/preview_forms-visionner_formulaires-eng.pdf]2a to 2f of the CR nomination form.
- * A 2-3 page explaining the candidate's vision for the research Chair, namely:
 - * how the Chair will ascertain ÉTS Montréal's leadership in the field of the Chair and
 - * the tangible benefits of the Chair in terms of research excellence, training of highly qualified personnel, technology transfer and socio-economic impact.

Application review will begin by September 6, 2018 and continue until the position is filled.

The applicant must already be or be eligible to become a member of the Quebec's Professional Order of Engineers (www.oiq.qc.ca) and to reach within two years, a sufficient level of French proficiency required for teaching undergraduate as well as graduate students.

All interested candidates should send their application as one PDF document by email to CRC2-2018@etsmtl.ca by August 21, 2018.

All qualified candidates are encouraged to apply for this position. However, priority shall be given to Canadian Citizens and Permanent Residents, in compliance with Canadian immigration requirements.

ÉTS Montréal is strongly committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. As such, we encourage applications from all qualified candidates, including women, members of visible minorities, aboriginal persons, members of sexual minorities, persons with disabilities, and others who may contribute to diversification. We will

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adapt the recruitment mechanisms to the specific needs of people with disabilities who request it. The institution also recognizes the impact that career breaks may have on the record of research achievements. If applicable, the candidate is invited to explain, when submitting his application, the impact that a career break may have had on his portfolio of achievements. This information will be treated confidentially.

The text is written in the masculine gender to facilitate reading and understanding.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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Canada