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Thursday, November 23, 2017

## Electronics (Power Electronics) – Assistant Professor, Preliminary

<b>Academic Unit:</b>	Electronics
<b>Category of Appointment:</b>	Preliminary (Tenure-Track)
<b>Field of Specialization:</b>	Power Electronics
<b>Rank/Position Title:</b>	Assistant Professor
<b>Start Date:</b>	July 1, 2018
<b>Closing Date:</b>	Applications will be reviewed until the position is filled

### About the Position:

The Department of Electronics at Carleton University invites applications from qualified candidates for a tenure track appointment in power electronics at the rank of Assistant Professor beginning July 1, 2018.

The candidate will be expected to establish and lead an independent externally funded research program in the area of power electronics including collaborations with internal and external partners. The Department is seeking an individual to take a leadership role in the field and promote excellence in undergraduate and graduate training. A focus on power electronics or power semiconductor devices is desirable, however outstanding candidates in all areas related to power and energy will be considered including alternative and renewable energy systems, smart grids and buildings, and electrical machines. The candidate will be required to teach at both undergraduate and graduate levels and supervise student projects and thesis research. The candidate is also expected to contribute to the operation and development of the academic unit and the University including program and curriculum development.

### About the Academic Unit:

The Department of Electronics offers undergraduate programs in Electrical Engineering, Engineering Physics, and Sustainable and Renewable Energy Engineering and contributes to several other programs within the faculty. The department features outstanding research expertise in design automation, circuit design, semiconductor devices, electromagnetics, photonics, sensors and micro/nano-electro-mechanical systems. Facilities enable the design, fabrication and testing of integrated circuit, sensor, MEMS, photonic, and microwave components. Further information about the department is available at <http://www.doe.carleton.ca>.

### Qualifications:

The position requires a Ph.D. in Electrical Engineering or equivalent, and current license to practice professional engineering in Canada (P.Eng.) or ability to obtain P.Eng. status within 3 years of appointment. Candidates should provide evidence of research and teaching excellence. The candidate should develop a research plan complementing current research activities in the Department of Electronics.

### Application Instructions:

Applicants should submit one PDF document including i) a detailed curriculum vitae, ii) a description of research accomplishments and future plans, iii) a teaching dossier, and iv) the names of three referees. Applications should be sent electronically to [chair@doe.carleton.ca](mailto:chair@doe.carleton.ca). Applications will be considered until the position is filled.

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 nationally and internationally reputation as a leader in collaborative teaching and learning, research and governance. With over 28,000 students, 850 academic faculty, and 2,000 staff and more than 100 programs of study, we encourage creative risk-taking enabling minds to connect, discover and generate transformative knowledge. Located in Ottawa, Ontario, Canada's capital city has a population of almost one million and reflects the country's bilingual and multicultural character. Carleton's location in the nation's capital provides many opportunities for scholarship and research with groups and institutions that reflect the diversity of the country. To learn more about our University and the City of Ottawa, please visit

[www.carleton.ca/provost](http://www.carleton.ca/provost).

Carleton University is strongly 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 or gender identity and expressions.

Applicants selected for an interview are asked to contact the Chair of the Search Committee 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.*

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[Academic Unit: Sprott School of Business](#) [Category of Appointment: Preliminary \(Confirmation-Track\)](#) [Field of Specialization: Accounting](#) [Rank/Position Title: Instructor](#) [Start Date: July 1, 2018](#) [Closing Date: February 23, 2018](#) [About the... More](#)



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[Academic Unit: Political Economy](#) [Category of Appointment: Term](#) [Rank/Position Title: Visiting Professor](#) [Start Date: May or July 2018, September 2018 or January 2019](#) [Closing Date: January 15, 2018](#) [About the... More](#)



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