

Faculty Position in Electrical and Computer Engineering

Applications are invited for one (1) exceptional candidate in the area of Electrical and Computer Engineering in the Department of Electrical and Computer Engineering, Faculty of Engineering, effective July 1, 2025 or as soon as possible thereafter. The successful applicants will receive a probationary (tenure-track) appointment at the rank of Assistant or Associate Professor. The rank will be commensurate with the successful applicant's qualifications and experience in teaching and research.

We are seeking energetic and dynamic candidates who will be able to contribute substantially to the teaching and research efforts of the Department. The new faculty member is expected to focus on research in signal processing, RF Engineering, and/or integrated circuit design, broadly. Potential focus areas include machine learning-based signal processing and microwave/millimetre-wave/THz technologies with applications in communication, Internet of Things (IoT), radar, imaging, biomedical systems, and other related areas. The ideal candidate should also demonstrate an interest in software, hardware, and system aspects, establishing synergies with other research areas within the Department of Electrical and Computer Engineering and, more broadly, at Western University.

The successful candidates will have a Ph.D. degree in Electrical, Computer, or Mechatronics Engineering, or relevant similar field, demonstrate excellence or clear promise of excellence in research, including evidence of high-quality scholarly output that demonstrates independent research potential leading to peer assessed publications and the securing of external research funding. Candidates should provide evidence of teaching at the university level and will be expected to teach a variety of fundamental undergraduate and graduate courses in the area of Electrical and Mechatronic Systems Engineering, as well as advanced undergraduate and graduate courses in their area of specialization. In addition, candidates are expected to supervise graduate students and participate in other educational and professional activities including administrative duties within the Department, Faculty and University. The ability to become eligible for registration as a Professional Engineer in Ontario is required for this appointment.

Situated along the banks of the Thames River in picturesque London, Ontario, a city with a population of approximately 350,000, Western University is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western University has a full-time enrolment of about 32,000 students in a range of academic and professional programs. Further information about Western can be found at <http://www.uwo.ca/>, the Faculty of Engineering at <http://www.eng.uwo.ca/>, and the Department of Electrical and Computer Engineering (<http://www.eng.uwo.ca/electrical/>). Western Engineering's Mission, Vision and Values can be found at <https://www.eng.uwo.ca/departments-units/dean-office/strategic-plan/Engineering-Impact---Western-Engineerings-Strategic-Plan.pdf>.

Western's Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

The Department of Electrical and Computer Engineering (<https://www.eng.uwo.ca/electrical/>) is one of the six academic Units in the Faculty of Engineering (<http://www.eng.uwo.ca>) at Western University. Faculty and staff in the department support and foster the educational and research pursuits of

undergraduate and graduate engineering students, while providing the best student experience. The Department offers degrees in Electrical Engineering, Software Engineering and Mechatronic Systems Engineering. Our internationally recognized faculty include two Canada Research Chairs (Tier I), two Canada Research Chairs (Tier II) and one NSERC-UNENE Industrial Research Chair. We have thriving research groups in software engineering, mechatronics, biomedical engineering, communications and power systems. Our vision is to be recognized as one of the top five research intensive departments of Electrical and Computer Engineering in Canada.

If you share our commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please send (i) a detailed curriculum vitae, (ii) a description of teaching experience and philosophy, (iii) a brief description of your current research program, accomplishments, and future plans, (iv) copies of representative publications, and (v) the names of three referees. Applications should be sent to:

Dr. A. Shami, Chair
c/o Courtney Harper, Administrative Officer
Department of Electrical and Computer Engineering, TEB279
Western University
1151 Richmond Street North
London, Ontario, Canada N6A 5B9
Email: ecechair@uwo.ca

Consideration of applications will commence on January 27, 2025 and will continue until the position is filled. Please ensure that the form available at <http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> is completed and included in your application submission.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups Indigenous peoples, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Courtney Harper by phone at 519-661-2111 extension 88310.

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