CRC Tier II in Intelligent Robotics
Western University

Job Title CRC Tier II in Intelligent Robotics
Department Electrical & Computer Engineering
https://www.eng.uwo.ca/electrical//index.html
Institution Western University
London, Ontario

Date Posted Jun. 22, 2022

Application Deadline Aug. 15, 2022
Position Start Date Jul. 1, 2022

Job Categories Assistant Professor

Academic Field(s) Robotics
Mechatronics
Human Factors Engineering/Ergonomics
Electrical and/or Electronics
Engineering - Other

Job Website https://www.uwo.ca/facultyrelations/careers/pdf/Engineering_ECE-CRC-Tier-II-Intelligent-Robotics_2022.pdf

Apply By Email ecechair@uwo.ca

Job Description

CANADA RESEARCH CHAIR (CRC) TIER 2
in INTELLIGENT ROBOTICS
Faculty Position in tHE Department of
Electrical & Computer Engineering

The Faculty of Engineering at The University of Western Ontario, one of Canada’s leading research-intensive universities, seeks applicants for a Tier 2 Canada Research Chair (CRC) in

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Intelligent Robotics, effective July 1, 2022 or as soon as possible thereafter. The successful applicant will receive a probationary (tenure-track) appointment at the rank of Assistant or Associate Professor with the Department of Electrical & Computer Engineering, Faculty of Engineering. Salary and rank will be commensurate with the successful applicant’s qualifications and experience.   This position also includes a comprehensive benefits package. Further details can be accessed at: http://www.uwo.ca/hr/benefits/your_benefits/faculty.html

We are seeking candidates who can articulate a vision to lead new research by building capacity and collaborations within the Department in the area of autonomous robotics which will attract undergraduate and graduate students, postdoctoral fellows and other trainees. Applicants interested in the development of robotic systems in any application domain capable of autonomous operation in the presence of uncertain information are invited to apply. Robotics expertise exists within the Department in a broad variety of areas, including but not limited to surgery, exploration, power systems, agriculture, mining and rehabilitation, so wide potential for collaborations exists.

For a probationary appointment, successful candidates will have completed a Ph.D. degree in a related Engineering discipline (Electrical Engineering, Mechanical Engineering, Mechatronic Systems Engineering, etc) a closely related discipline, and will have a background in robotics. The candidate will demonstrate excellence in research, including evidence of high-quality scholarly output that demonstrates independent research leading to peer assessed publications and the securing of external research funding, as well as national/international exposure through invited lectures and/or conference symposia as appropriate for their discipline and career stage. Evidence of research leadership potential would be beneficial. In summary, the successful candidate will be an emerging researcher with demonstrated research activity and creativity, acknowledged by peers as possessing the potential to achieve international recognition and to lead in their field in the next five to ten years, and possess the potential to attract high quality personnel and future research collaborators.

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 areas of robotics and mechatronics 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.

The selected candidate will be nominated by Western University to apply for the Tier 2 CRC in Intelligent Robotics in accordance with the regulations set for Tier 2 Canada Research Chairs (www.chairs-chaires.gc.ca),This academic appointment is conditional upon the successful award of the

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CRC Tier 2 to the candidate.

In accordance with the regulations set for Tier 2 Canada Research Chairs (www.chairs-chaires.gc.ca), Tier 2 chairs are intended for exceptional emerging scholars (i.e., candidates must have less than 10 years of experience as an active researcher in their field at the time of nomination). Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program’s Tier 2 justification process; please contact Research Development at The University of Western Ontario at ResearchWesternCRC@uwo.ca for more information. Please consult the Canada Research Chair website for full information, including further details on eligibility criteria. http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx.

Western University recognizes that our commitment to equity, diversity and inclusion is central to the University’s mandate as a research-intensive institution of higher learning and a community leader. Western understands that our pursuit of research excellence and our commitment to equity, diversity and inclusion are mutually supporting. As such, Western is committed to achieving and maintaining an equitable representation amongst our Canada Research Chair holders, as well as within Western’s broader research enterprise

Western University recognizes the potential impact that legitimate career interruptions can have on a candidate’s record of research achievement. Potential candidates are encouraged to explain within their application the impact that career interruptions have had on their record, and to submit a full career or extended CV to a chairholder position in cases where they have had career interruptions.

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 enrollment of about 32,000 students in a range of academic and professional programs. With annual research funding exceeding $220 million, and an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada's most beautiful campuses.

The Department of Electrical and Computer Engineering (http://www.eng.uwo.ca/electrical/) is one of the four Departments 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

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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), one Canada Research Chair (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.

Further information about Western can be found at http://www.uwo.ca/, the Faculty of Engineering at http://www.eng.uwo.ca/, the Department of Electrical & Computer Engineering at http://www.eng.uwo.ca/electrical/.   Western Engineering is in the process of a major expansion of faculty to complement a planned growth in student numbers. Western Engineering’s Mission, Vision and Values can be found at http://www.eng.uwo.ca/faculty_staff/img/Values_Mission_Statement.pdf. Western’s Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

If you share a 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 one-page teaching statement describing your teaching experience and philosophy, (iii) a concise research statement of interests describing your current research program, accomplishments and future plans, and (iv) contact details of at least three professionals who can provide letters of support. Applications should be sent to, clearly identifying the position you are applying for:

Kenneth McIsaac, Chair of Electrical and Computer Engineering
c/o Michelle Wagler, Administrative Officer
Thompson Engineering Building, Room 279B, Western Engineering
1151 Richmond Street London, Ontario, Canada N6A 5B9
Email: ecechair@uwo.ca

Consideration of applications will commence on May 15, 2022 and will continue until the position is filled. Please ensure that the form available at http://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf is completed and included in your application submission.

Effective September 7, 2021, all employees and visitors to campus are required to comply with Western’s COVID-19 Vaccination Policy.

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EEO/AA Policy

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/visible minorities. Aboriginal persons, 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 Michelle Wagler by email at: mwagler6@uwo.ca

Contact Information

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

Contact Dr. Ken McIsaac
Electrical & Computer Engineering
Western University
1151 Richmond Road
London, ON N6A 5B9
Canada

Contact E-mail ecechair@uwo.ca