

Assistant Professor - Controls and Mechatronics.
Dalhousie University

Direct Link: <https://www.AcademicKeys.com/r?job=243667>

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Posted Aug. 26, 2024, set to expire Dec. 28, 2024

Job Title	Assistant Professor - Controls and Mechatronics.
Department	Mechanical Engineering http://www.dal.ca/Engineering
Institution	Dalhousie University Halifax, Nova Scotia
Date Posted	Aug. 26, 2024
Application Deadline	Dec. 31, 2024
Position Start Date	expected for July 1, 2025
Job Categories	Assistant Professor
Academic Field(s)	Mechatronics Mechanical Engineering
Job Website	http://dal.peopleadmin.ca/postings/17463
Apply Online Here	http://dal.peopleadmin.ca/postings/17463
Apply By Email	
Job Description	

The Department of Mechanical Engineering invites applications for one probationary tenure-track faculty position at the rank of Assistant Professor. The successful candidate's research will align with [Nova Scotia's](#) and [Dalhousie's](#) research priorities with demonstrated expertise in the area of controls and mechatronics.

Dalhousie is the leading graduate and research university of Atlantic Canada, with more than 20,000 students, including 3,500 in graduate programs, from 115 countries. It is located in Kijipuktuk (Halifax), the major centre in the scenic Atlantic region and a city widely known for its high quality of life. Further

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information about the Faculty and the university can be obtained at www.dal.ca/Engineering.

Candidates must provide evidence of demonstrated excellence in, and commitment to, research and teaching. The candidates will be expected to establish a strong externally funded research program, supervise thesis-based graduate students, participate in service activities at the Department level and beyond, and foster existing and new collaborations with government and industry, as well as collaborate with members of Dalhousie's research community.

The candidates must have a Bachelor's Degree in Mechanical Engineering and a Doctorate in Mechanical Engineering (or a Doctorate in a closely related engineering discipline). **The successful candidate must be eligible and committed to registration as a Professional Engineer in Nova Scotia.**

Applications from candidates in the field of intelligent controls, mechatronics and robotics are encouraged. Research areas that are of particular interest include:

1. Artificial intelligence/machine learning (development, application, integration), and
2. Autonomous systems, with preference given to applications in marine/ocean engineering, energy systems, manufacturing, and biomechanical.

The successful candidate will also be able to teach a broad range of undergraduate courses in Mechanical Engineering and advanced topics related to their research activities at the graduate level.

The evaluation of applications will begin after January 1, 2025, and continue until the position is filled. It is anticipated that the position will begin on July 1, 2025. Those wishing to be considered for this position should apply at: <http://dal.peopleadmin.ca/postings/17463>.

Complete applications will include a cover letter, a CV, Teaching Statement, Research Interests, and the contact information for three professional referees.

EEO/AA Policy

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.

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Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous Peoples of Turtle Island (especially Mi'kmaq), persons of Black/African descent (especially African Nova Scotians), and members of other racialized groups, persons with disabilities, women, persons identifying as members of 2SLGBTQIA+ communities, and all candidates who would contribute to the diversity of our community. In accordance with our Employment Equity Policy, preference will be given in hiring processes to candidates who self-identify as members of one or more of the equity-deserving groups listed above. For more information, including details related to our Employment Equity Policy and Plan and definitions of equity-deserving groups please visit www.dal.ca/hiringfordiversity.

If you require any support for the purpose of accommodation, such as technical aids or alternative arrangements, please let us know of these needs and how we can be of assistance. Dalhousie University is committed to ensuring all candidates have full, fair, and equitable participation in the hiring process. Our complete Accommodation Policy can be viewed [here](#).

Contact Information

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

Contact Ken Rice
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Dalhousie University
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Halifax, NS B3H 4R2
Canada

Contact E-mail ken.rice@dal.ca