

Tenure-Track Position in Theoretical or Computational Physics, or Related Field

Position # 002101TT-2019-PHY

The University of Windsor invites applications for a tenure-track faculty position in the Department of Physics at the rank of Assistant Professor in the area of Theoretical or Computational Physics, or Related Field, commencing July 1, 2019. This position is subject to final budgetary approval.

The University of Windsor is a medium-sized university with a solid reputation in teaching and research, offering a friendly and supportive environment for both living and learning. It is Canada's southernmost university, and its border location provides unique cultural, recreational, and educational opportunities for faculty and students.

The Department of Physics has strong research programs in the areas of theoretical and experimental Biomedical Physics, Materials Science, and Atomic, Molecular and Optical Physics. Opportunities exist for collaborations both within the Department, and in other units at the University. High performance computing resources are available through Compute Canada. For more information about the Department of Physics, visit our website at www.uwindsor.ca/physics.

The successful candidate is expected to lead a vibrant, externally funded research program in theoretical/computational physics in a field aligned with the research strengths of the Department. The successful candidate is expected to take a leading role in supporting our undergraduate program by teaching within the full range of undergraduate physics courses, establishing new graduate and upper-year courses with an emphasis on computation, and contributing significantly to outreach and undergraduate recruitment efforts.

The ideal candidate must possess a PhD in Physics, supported by postdoctoral experience. In addition, a strong track record of peer-reviewed publications in the proposed area of research and a strong commitment to excellence in teaching is essential. The ideal candidate must have excellent interpersonal and communication skills. Preference will be given to a candidate working in an area of theoretical/computational physics that supports the research strengths of the Department or the University's areas of institutional strength: health/wellness, sustainable industry, Great Lakes, understanding borders. Preference will also be given to a candidate with a previous record of successfully obtaining external research funding.

Application Requirements

- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- two (2) page outline of research interests and accomplishments;
- samples of scholarly writing, including (if applicable) clear indications of your contribution to any jointly authored pieces;
- a teaching dossier or teaching portfolio demonstrating a potential for or evidence of teaching effectiveness and excellence that will include sample course syllabi/outlines, teaching evaluations, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at <http://www.uwindsor.ca/ctl/links-pd>);
- graduate transcripts; and
- three (3) current letters of reference forwarded directly by the referees to the Department Head at the address or email listed below.

Only those applicants selected for interview will be contacted. The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an **online application** (<http://www.uwindsor.ca/facultypositions>) found on the job advertisement, and ensure letters of reference are submitted by the deadline date of **September 30, 2018**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

Questions and Reference Letters to be sent to:

**Dr Steven Rehse, Head, Department of Physics,
University of Windsor, 401 Sunset Avenue, Windsor, Ontario, Canada N9B 3P4,
Phone: 519-253-3000 Ext. 2647; Email: physics@uwindsor.ca**

The University of Windsor is a comprehensive research and teaching institution with more than 15,500 students. We are a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Sexual Minorities) are encouraged to apply and to self-identify. If you need an accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator (recruit@uwindsor.ca). Should you require further information on accommodation, please visit the website of the Office of Human Rights, Equity & Accessibility (<http://www.uwindsor.ca/ohrea>). All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.