

Department of Physics and Engineering Physics, the University of Saskatchewan, anticipates opening of the Postdoctoral position in Theoretical and Computational Plasma Physics (subject of budgetary approval).

The position will be focused on theoretical and computational studies of instabilities, turbulence and anomalous transport in magnetically controlled plasmas including (but not limited to) plasmas for electric propulsion applications. Other areas of interest are gyrokinetic and gyrofluid theory, and magnetically confined plasmas for fusion applications. Required education is a recent Ph.D. degree in Plasma Physics or closely related discipline. A strong theoretical background in plasma physics, demonstrated experience in the development and use of computer simulation codes (fluid and/or kinetic), excellent oral and written communication skills are required. Qualified applicants should apply to Professor A. Smolyakov andrei.smolyakov@usask.ca (<http://physics.usask.ca/~smolyak/as/index.html>) with letter of interest detailing relevant research experience, curriculum vitae, list of publications, and names of three references. Appointment is scheduled to start in June 2018, but interested applicants are encouraged to apply immediately. This appointment is for one year with a possibility of continuation for the second year subject of satisfactory performance and availability of funds.

Applications will be considered until the position is filled.

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.