



Title: PhD/MASc in Plasma Science/Engineering

Description:

Applications are invited for a Graduate (PhD/MAsc) studentship at the Department of Mechanical and Aerospace Engineering of the Royal Military College of Canada starting **March 2012**. The research topic will be in the general area of Plasma Physics applied to microdischarges and plasma-based flow control for aerospace applications. The fundamental plasma processes will be investigated and characterized through a combination of computational methods and simulations – participation in experiments in a national facility is also planned.

The applicant must have at the start of the programme a MAsc. or equivalent in Physics/Engineering or a closely related field for entry to the PhD. A good knowledge and a strong interest in fluids and plasma physics are essential. Experience with numerical modeling and computer simulation as well as code development is an essential asset.

Kingston is a beautiful city located on the shore of Lake Ontario and at the mouth of the St. Lawrence River; about two hours drive from Ottawa, Montreal and Toronto and very close to the New York state border. RMC is a bilingual university offering courses in both French and English. Applications are invited from all interested students/researchers – Canadian citizens and permanent residents of Canada applications are strongly encouraged.

To apply please e-mail Prof. M. Jugroot at RMC: [jugroot m@rmc.ca](mailto:jugroot_m@rmc.ca)