



Computational and Experimental Fluid Dynamics Laboratory
Department of Mechanical and Materials Engineering,
Queen's University at Kingston
Ontario, CANADA

Research Associate Positions

Simulation and Modelling of Turbulent Flows

Two (2) Research Associates are sought. These positions are available for an immediate start. The projects involve DNS, LES and RANS modeling of (A) external aerodynamic flow and, (B) free surface flow. The successful candidates will be considered, in the first instance for a one-year appointment, renewable; funding for project (A) is for four years and for project (B) for two years.

Candidates will hold an earned Ph.D. You will have excellent interpersonal and communication skills (English). You will have demonstrated leadership abilities and be able to work with graduate students and talented personnel from industry. You must have the ability to write complex turbulence simulation computer codes using Fortran 95, MPI and be proficient with UNIX within a SUN SMP environment; someone only skilled at using a commercial CFD code will NOT be considered for this position. Your degrees will be in Mechanical Engineering, Applied Mathematics or Engineering Physics.

Successful candidates will enjoy working with an exciting, dynamic group involved in computational and experimental turbulence research and have access to exemplary physical resources in support of the research. This includes up-to date computer facilities, including those of the High Performance Computing Virtual Laboratory (www.hpcvl.org).

Interested individuals should send their curriculum vitae, which includes a publication list, the names of at least three references (addresses, telephone, fax and email) and a statement of relevant research experience, interests and expected annual salary to:

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