

Ph.D./M.Sc. Studentships on Direct and Large-Eddy Simulation of Turbulent Flows and Heat and Mass Transfer

Ph.D. and M.Sc. studentships are available at the Department of Mechanical & Manufacturing Engineering at the University of Manitoba. The research projects involve the development of numerical modelling and parallel computer codes (based on the existing codes) for studying turbulent heat, mass and fluid flows within an environment with complex geometries.

Successful candidates will have experience and/or interest in the following areas: turbulence theory, CFD, DNS, LES, computational algorithms, FORTRAN programming, high-performance computing with MPI, and operating systems such as Linux/Unix.

To apply, please email Dr. B.-C. Wang (bc_wang@umanitoba.ca) the following documents: a cover letter (stating personal goal and research interest), a complete Curriculum Vitae (including a list of publications), transcripts/score sheets (unofficial ones are acceptable for the purpose of initial review), and detailed contact information of two references (email, telephone number and address). Review of applications will begin immediately and continue until the positions are filled.

All replies (both national and international) to this advertisement are appreciated. The promising candidates will be contacted by emails.

University of Manitoba is committed to employment equity. University of Manitoba is the oldest University in Western Canada, which has an enrollment of approximately 27,000 students in a regular year and is home to a wide-range of research centers and institutes.