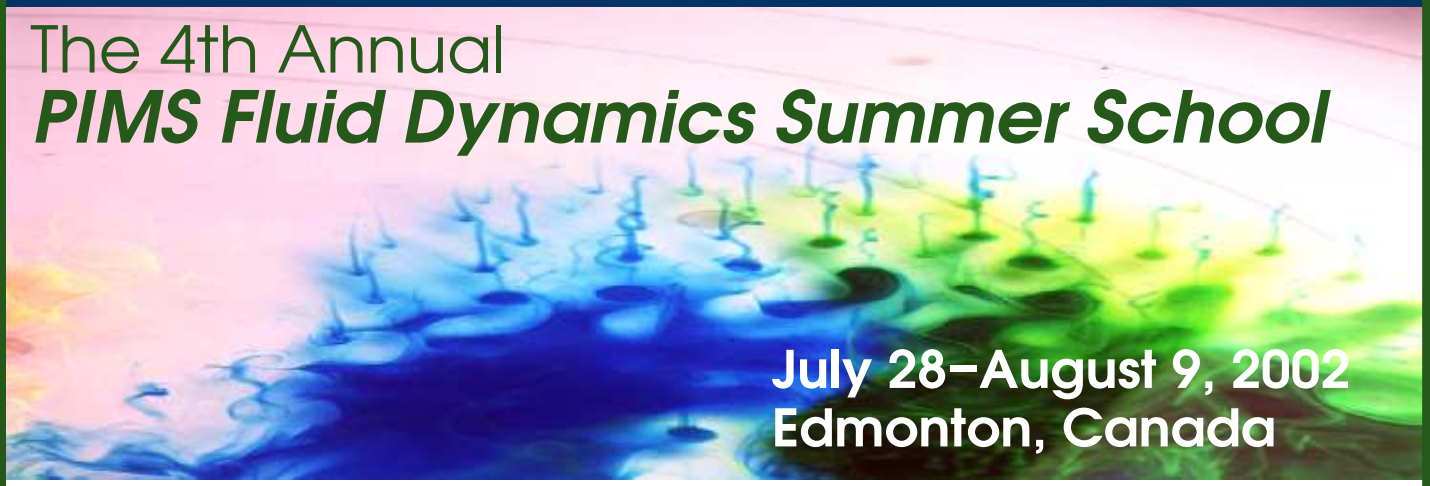
Pacific Institute for the Mathematical Sciences



The 4th Annual
PIMS Fluid Dynamics Summer School

July 28–August 9, 2002
Edmonton, Canada

The University of Alberta offers an enriched learning environment in which the theoretical, experimental and computational aspects of fluid dynamics are synthesized.

Participants will attend a comprehensive series of lectures, and will be given hands–on experience performing and analyzing experiments in the Environmental and Industrial Fluid Dynamics Laboratory, as well as running numerical simulations using research–level codes.

Topics will include fluid dynamics fundamentals, environmental and industrial flows, geophysical fluid dynamics, turbulence modelling, and computational fluid dynamics. Subjects will be taught at a graduate level.

Invited Speakers

John Allen	College of Oceanic and Atmospheric Sciences, Oregon State University
Jean–Luc Guermond	Laboratoire d'Informatique pour la Méchanique et les Sciences de l'Ingénieur (LIMSI)
Peter B. Rhines	School of Oceanography, University of Washington

Core Lecturers

A. B. G. Bush, J. C. Bowman, P. D. Minev, T. B. Moodie, B. R. Sutherland, G. E. Swaters

Application Procedure:

Applications should include a ``statement of interest'' describing academic background and research interests, and a letter of reference. We encourage applications to be submitted through forms on the web at

http://fdss.math.ualberta.ca/

Submissions may also be made by email (fdss@math.ualberta.ca) or by post:

Site Director, Pacific Institute for the Mathematical Sciences
Attn: Fluid Dynamics Summer School
Department of Mathematical and Statistical Sciences
University of Alberta, Edmonton, AB, CANADA T6G 2G1

Scholarships paying for travel, accommodation and tuition expenses may be awarded based on the merits of the application. A limited number of places are available.

Application deadline is April 15, 2002.

For more information:

Email: *fdss@math.ualberta.ca* or see web *http://fdss.math.ualberta.ca/*

Sponsored by:

The Pacific Institute for the Mathematical Sciences

Institute for Geophysical Research

Environmental and Industrial Fluid Dynamics Laboratory