APPLIED MATHEMATICS RESEARCH
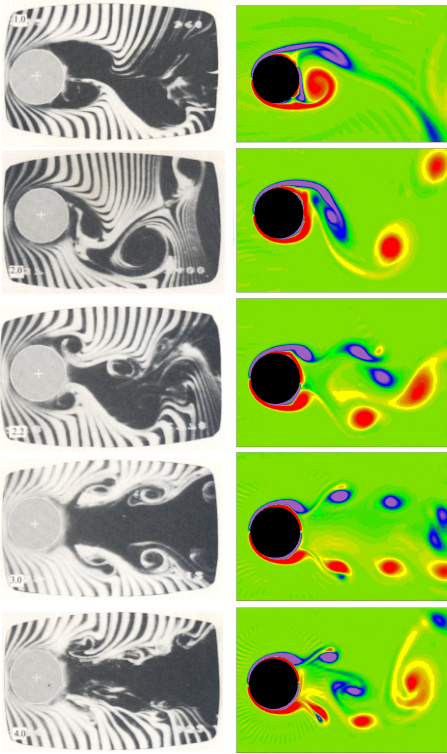
in the DEPARTMENT OF MATHEMATICS AND STATISTICS at MEMORIAL UNIVERSITY

Memorial University of Newfoundland

School of SGS Graduate Studies

With rapidly expanding graduate studies and well supported diverse graduate programs, Memorial University offers exciting opportunities in applied mathematics.

Experiment*   Numerical

Verification of Fluid Dynamics Code

The core research areas in applied mathematics and associated faculty:

Differential/Integral Equations and Dynamical Systems:
  H. Brunner, A. Foster,
  M. Kondratieva, C.-H. Ou,
  S. Sadov, D. Summers,
  Y. Yuan, X. Zhao

Fluid Mechanics:
  D. Bass, S. Kocabiyik

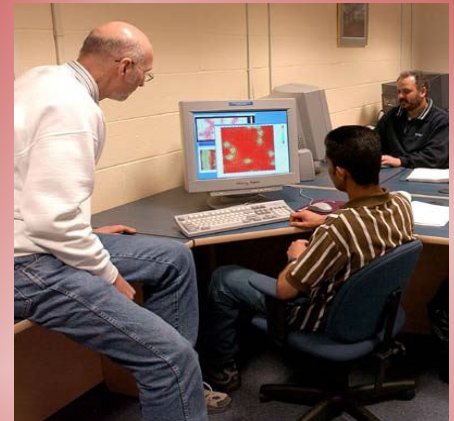**Numerical Analysis and Scientific Computation:**
  H. Brunner, A. Foster,
  S. Kocabiyik, S. Sadov, Y. Yuan

Mathematical Methods / Mathematical Physics / Modeling / Optimization:
  I. Booth, A. Foster,
  S. Kocabiyik, M. Kondratieva,
  C.-H. Ou, C. Radford,
  S. Sadov, D. Summers,
  Y. Yuan, X. Zhao

Graduate Students:

Brian Johansen   Yu Jin
Natasha Kirby   Lei Li (Leo Lee)
Larisa Mironova   Shannon Sullivan
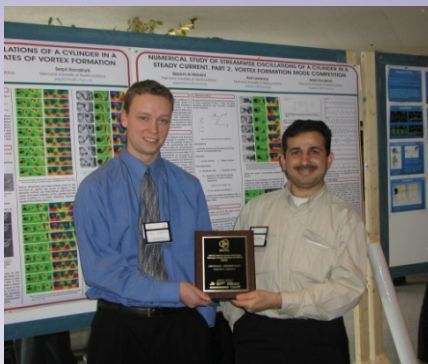Michael White   Oznur Yasar
          Fang Zhang

The Memorial University Advanced Computation and Visualization Centre have one of the most powerful research computers in Atlantic Canada.
website: http://www.cvc.mun.ca

The Department of Mathematics and Statistics is proud to have a high performance computing facility in the form of a 64-processor Beowulf Cluster that is dedicated to research.

MITACS Atlantic Interchange poster competition winners!
First Place:
Karl P. Lawrence   Qasem Al-Mdallal
M.Sc. (2004)   *Ph.D. (2004)*
Computational Science   *Mathematics and Statistics*
Memorial University   *Memorial University*

March 24, 2003 (Halifax, Nova Scotia).

Designed by: Karl P. Lawrence for the Department of Mathematics and Statistics.

*Experimental photos from Ongoren & Rockwell (J. Fluid Mech., Vol. 191, p. 229, 1988).

For information on the university, or an application form contact:

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