

Plumes and Gravity Currents in Stratified Environments



A 3-day workshop examining the dynamics of flows whose evolution is affected by ambient stratification.

University of Alberta
Friday October 5 to Sunday October 7, 2007

As well as fundamental computational, experimental and theoretical research, specific geophysical applications will be examined including

- volcanic eruptions at stratospheric heights
- convection and outflows below the tropopause
- river plumes and intrusions at a thermocline



Invited Speakers

Joan Alexander

Colorado Research Associates

Peter Baines

U. Bristol/U. Melbourne

Nigel Kaye

Clemson University

Jim Moum

Oregon State University

Andrew Woods

University of Cambridge

Matthew Alford

University of Washington

Herbert Huppert

University of Cambridge

Paul Linden

UC San Diego

Marius Ungarish

Israel Institute of Technology

More information is available at <http://www.phys.ualberta.ca/~bsuther/events/pimscrg1007/>
or contact bruce.sutherland@ualberta.ca