



Pacific Institute *for the*  
Mathematical Sciences

## COMPLEX FLUIDS & FLOWS IN INDUSTRY & NATURE II

24-26 July, 2013

University of British Columbia

Fluids that exhibit physical behaviours which are not Newtonian are extremely common in nature and in industrial contexts. Equally prevalent are interfacial flows, multi-phase mixtures and suspensions. Examples include: mud, lava, polymer melts, cosmetic creams, ketchup, mayonnaise, chocolate, heavy oils, pulp suspensions, cement slurries, granular flows, pastes, etc. Due to the complexity of studying such systems, applied mathematics plays a key role in research and in practical application of solutions to many unsolved flow problems. This workshop brings together a select group of researchers in this area, drawn from many disciplines and with a strong mathematical focus, to advance research.

### ORGANIZERS:

Neil Balmforth (UBC, Canada)

Ian Frigaard (UBC, Canada)

Elisabeth Guazzelli (Aix-Marseille University, CNRS, France)

Satish Kumar (University of Minnesota, USA)

### WORKSHOP INFORMATION:

<http://www.pims.math.ca/industrial-event/130724-cffiani>

*This workshop will be give us an opportunity to celebrate the 70th Birthday of Prof G.M. "Bud" Homsy*

