

The CFD Society of Canada is pleased to announce that its 20<sup>th</sup> Annual Conference will be held in Canmore, Alberta, Canada, from Wednesday May 9 until Saturday May 12, 2012. The conference will be held at the Radisson Hotel & Conference Centre Canmore. Technical sessions will span two full days (May 10-11) and will feature three keynote speakers: : S. Jakirlic (TU Darmstadt), K. Nandakumar (Louisiana State U.), and B. Noack (CEAT/Poitiers). The conference will also feature a student paper competition and banquet. In celebration of the 20<sup>th</sup> anniversary, the banquet will be held on Thursday evening at the Cornerstone Theatre & Restaurant, home of the world famous "Oh Canada Eh?" Dinner Show.

## SCOPE

The goal of the CFD Society of Canada is to promote computational fluid dynamics and to provide a framework for communication and collaboration between researchers, developers and practitioners, in industry, government and academia. The annual conferences draw together researchers in CFD to highlight recent advances and challenges encountered in a broad spectrum of application areas and to facilitate scientific and technical exchange. Paper submissions are encouraged in all topics of current interest in the field of CFD. Topics of interest include but are not limited to: Multiphase Flows, Aero Design, Thin Film/Free Surface Flows, Heat Transfer, Combustion and Reacting Flows, Algorithms, Turbulence Modelling, Non-Newtonian Fluids, Compressible and Supersonic Flows, Bio-Flows, Applications, Incompressible Flows, Aerodynamics, Turbomachinery, Environmental Flows, Flow Physics, Micro and Nano Systems, CFD with OpenFOAM.

## DEADLINES

Abstract submission deadline (extended):	January 9, 2012
Notification of abstract acceptance:	January 16, 2012
Early registration deadline:	March 31, 2012
Final paper submission deadline:	March 31, 2012

## ABSTRACT SUBMISSION

Papers will be selected based upon extended abstracts. Authors will be requested to submit extended abstracts in pdf format by uploading the documents to the conference web site on or before November 30, 2011. Details on the format of the extended abstract are on the website. All abstracts will be peer reviewed. An electronic version of the conference proceedings will be produced and distributed at the conference. Please visit the conference web site (<http://uofa-cs.gobigevent.com/CFDSC2012> or <http://www.cfdcanada.ca/conference>) for complete details and instructions related to abstract submission and to download templates for abstract preparation. We heartily invite you to submit an abstract to CFDSC 2012.

The conference will be co-chaired by Prof. Robert Martinuzzi (U. of Calgary) and Prof. Carlos Lange (U. of Alberta). Enquiries can be directed by email at <[cfpsc2012@ualberta.ca](mailto:cfpsc2012@ualberta.ca)>.

**CFD CHALLENGE:** Simulation of Flow Around a Surface-Mounted Square-Section Cylinder of Aspect Ratio 4. Immediately following the conference, a dedicated workshop on May 12 will compare the best simulation attempts of Challenge participants with high-quality, phase averaged experimental results. Detailed information on the Challenge at <http://www.cfdcanada.ca/challenge>.