



THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

CALL FOR PAPERS

XVII SYMPOSIUM ON FLUID MECHANICS AND RHEOLOGY OF NONLINEAR MATERIALS AND COMPLEX FLUIDS ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS Vancouver, British Columbia November 12-18, 2010

The Fluids Engineering Division and the Materials Division of the ASME are sponsoring the 17th Symposium on the "Fluid Mechanics and Rheology of Complex Fluids" for the 2010 ASME International Mechanical Engineering Congress - IMECE to be held in Vancouver, British Columbia.

The purpose of this Symposium is to provide a platform for the reporting of the latest results concerning issues related to various aspects of the rheological and flow properties of nonlinear materials, and in particular advanced materials for the 21st century. Fundamental issues such as flow instabilities, inverse problems in Rheology and constitutive formulations appropriate for electro-magneto-rheological fluids, thin films, suspensions, slurries, emulsions, oil field fluids, paper making fluids such as black liquor, laminar and turbulent flows of polymeric and other non-Newtonian liquids, are included as well as various transport processes, bubble motions, sprays, extrusion phenomena, fiber spinning, film blowing, industrial coatings, etc. Areas of interest are not limited to these issues. Theoretical, numerical and experimental contributions are solicited.

Prospective authors are invited to submit an abstract by March 1, 2010 using ASME IMECE web based tool box at <http://www.asmeconferences.org/congress2010/> and uploading the abstract. The areas of interest can be viewed at <http://www.asmeconferences.org/Congress2010/CallForPapers.cfm> . Papers will be peer reviewed. Accepted papers after the web based review process will be published in CD-ROM format available at the meeting. If so requested papers will be considered for publication in the Journal of Fluids Engineering after the regular review process.

DEADLINE SCHEDULE

Abstract due:	March 1, 2010
Abstract acceptance notification:	March 29, 2010
Draft papers due:	May 31, 2010
Author Notification/Instructions:	July 19, 2010
Final paper submission:	August 19, 2010

ORGANIZERS

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