



# IMA INSTITUTE FOR MATHEMATICS AND ITS APPLICATIONS

## Membership opportunities

in connection with the 2009-2010 thematic program on

## COMPLEX FLUIDS AND COMPLEX FLOWS

**IMA GENERAL MEMBERSHIPS** provide an opportunity for mathematicians and scientists employed elsewhere to spend a period of one month to one year in residence at the IMA, and to participate in the 2009-2010 thematic program. The residency should fall in the period September 2009 through June 2010 (in special cases extending into the summer months). Logistic support such as office space, computer facilities, and secretarial support will be provided, and local expenses may be provided.

**IMA POSTDOCTORAL FELLOWSHIPS** provide an excellent opportunity for mathematical scientists near the beginning of their career who have a background in and/or an interest in learning about applied and computational aspects of Complex Fluids and Complex Flows. IMA postdoctoral fellowships run one to two years, at the option of the holder, starting September 1, 2009. Deadline January 4, 2009.

**IMA INDUSTRIAL POSTDOCTORAL FELLOWSHIPS** are designed to prepare mathematicians for research careers in industry or involving industrial interaction. IMA industrial postdoctoral fellowships run two years starting September 1, 2009. They are funded jointly by the IMA and an industrial sponsor, and holders devote 50% effort working with industrial scientists and 50% effort on a combination of their own research and the IMA activities. Deadline January 4, 2009.

**IMA NEW DIRECTIONS RESEARCH PROFESSORSHIPS** provide an extraordinary opportunity for established mathematicians—typically mid-career faculty at US universities—to branch into new directions and increase the impact of their research by spending the 2009-2010 academic year immersed in the thematic program at the IMA. Research Professors will enjoy an excellent research environment and stimulating scientific program connecting Complex Fluids and Complex Flows and related areas of mathematics with a broad range of fields of application. New Directions Research Professors are expected to be in resident and active participants in the program, but are not assigned formal duties. Deadline January 16, 2009.



For more information and application materials see  
[www.ima.umn.edu/docs/](http://www.ima.umn.edu/docs/) or phone 612-624-6066.

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