



# IMA INSTITUTE FOR MATHEMATICS AND ITS APPLICATIONS

## Membership opportunities

in connection with the 2008-2009 thematic program on

## MATHEMATICS AND CHEMISTRY

**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 2008-2009 academic year immersed in the thematic program at the IMA. Research Professors will enjoy an excellent research environment and stimulating scientific program connecting Mathematics and Chemistry and related areas of mathematics with a broad range of fields of application. New Directions Research Professors are expected to be resident and active participants in the program, but are not assigned formal duties. Deadline January 15, 2008.



**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 Mathematics and Chemistry. IMA postdoctoral fellowships run one to two years, at the option of the holder, starting September 1, 2008. Deadline January 4, 2008.

**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, 2008. They are funded jointly by the IMA and an industrial sponsor, and holders devote 50% effort to their own research and the IMA program and 50% effort working with industrial scientists. Deadline January 4, 2008.

**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 2008-2009 thematic program. The residency should fall in the period September 2008 through June 2009 (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.

For more information and application materials see

[www.ima.umn.edu/docs/membership.html](http://www.ima.umn.edu/docs/membership.html) or phone 612-624-6066.

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[www.ima.umn.edu](http://www.ima.umn.edu)



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