Mathematics Opportunities

Call for Nominations for Fermat Prize

The Fermat Prize for Mathematics Research rewards research works in fields where the contributions of Pierre de Fermat have been decisive: statements of variational principles, foundations of probability and analytic geometry, and number theory. The spirit of the prize is focused on rewarding the results of research accessible to the greatest number of professional mathematicians within these fields.

The amount of the Fermat Prize is FF100,000 (approximately $17,000). Sponsored by the Matra Marconi Space Company and Université Paul Sabatier, the prize is awarded every two years in Toulouse. The sixth award will be announced in October 1999.

Rules governing the award and nominations are available by writing to: Prix Fermat de Recherche en Mathématiques, Services des Relations Publiques, Université Paul Sabatier, 118 route de Narbonne, 31062 Toulouse Cedex 4, France. Information is also available on the Web at `http://www.ups-tlse.fr/PrixFermat/`. The deadline for nominations is **June 30, 1999**.

—Fermat Prize Committee Announcement

Call for Nominations for Morgan Prize

The Frank and Brennie Morgan Prize is given each year to reward outstanding research by an undergraduate student. The application deadline is **June 30, 1998**. Students who were undergraduates in December 1997 are eligible for this award. One award is given each year, although the selection committee for the prize has also given one or more honorable mentions. The amount of the prize is $1,000.

A nomination for the prize should include at least one research paper and at least one letter of recommendation. The papers submitted do not have to be published papers, but the work must have been performed while the nominee was an undergraduate student.

Students who would like to submit their work for consideration should send an application to: Morgan Prize Committee, c/o Robert M. Fossum, Secretary, American Mathematical Society, Department of Mathematics, University of Illinois, 1409 West Green Street, Urbana, IL 61801-2975.

For further information about the prize, contact: Kelly Black, Chair of the Morgan Prize Committee, Department of Mathematics, University of New Hampshire, Durham, NH 03824; e-mail: `black@vidalia.unh.edu`.

—from Morgan Prize Committee Announcement

Call for Nominations for Sloan Fellowships

Nominations for candidates for Sloan Research Fellowships, sponsored by the Alfred P. Sloan Foundation, are due by **September 15, 1998**. A candidate must be a member of the regular faculty at a college or university in the United States or Canada and must be at an early stage of his or her research career. For information, write to: Sloan Research Fellowships, Alfred P. Sloan Foundation, 630 Fifth Avenue, Suite 2550, New York, NY 10111; e-mail: `gassman@sloan.org`; World Wide Web: `http://www.sloan.org/`.

—Sloan Foundation Announcement

Call for Proposals for Newton Institute Programs

The Isaac Newton Institute for Mathematical Sciences in Cambridge, UK, invites new proposals for programs for 2000 onwards, particularly from areas which have been underrepresented so far (e.g., partial differential equations, analysis, computational mathematics, combinatorics). From

1999, a choice of six-month or four-month programs will be available. In addition, from 2000, short programs of three weeks' duration will be available during July and August each year. These short programs are intended for more narrowly focused topics or for subjects that may be at an embryonic stage of development, and for which a longer program might not be as yet justified.

Proposals should be addressed to the director, H. K. Moffatt, Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge CB3 0EH, UK. Proposers should state whether they would prefer a four-month, six-month, or three-week program. The Institute is pleased to receive proposals at any time. Proposals for consideration at the next meeting of the Scientific Steering Committee should be received by July 31, 1998.

The Web address for the Newton Institute is `http://www.newton.cam.ac.uk/`.

—Newton Institute Announcement

Integrative Graduate Education and Research Training

The challenges of educating scientists, mathematicians, and engineers for the twenty-first century mandate a new paradigm for training graduate students. To meet the need for a cadre of broadly prepared Ph.D.s with multidisciplinary backgrounds and the technical, professional, and personal skills essential to addressing the varied career demands of the future, the National Science Foundation (NSF) announces an agency-wide, multidisciplinary, graduate training program.

The goal of the Integrative Graduate Education and Research Training (IGERT) Program is to enable the development of innovative, research-based, graduate education and training activities that will produce a diverse group of new scientists and engineers well-prepared for a broad spectrum of career opportunities in industry, government and academe. Supported projects must be based upon a multidisciplinary research theme and organized around a diverse group of investigators from U.S. Ph.D.-granting institutions with appropriate research and teaching interests and expertise.

For the 1998 competition, the preproposal deadline is **July 1, 1998**, and the full proposal deadline is **November 23, 1998**. For the 1999 competition, the preproposal deadline is **April 15, 1999**, and the full proposal deadline is **September 7, 1999**.

For further information, consult the Web page of the NSF's Division of Mathematical Sciences, `http://www.nsf.gov/mps/dms/`. The postal address is: Division of Mathematical Sciences, Room 1025, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. The telephone number is 703-306-1870.

—from DMS Announcement