
Mathematics Opportunities

Call for Applications for the Second Heidelberg Laureate Forum

The Second Heidelberg Laureate Forum (HLF) will be held September 21–26, 2014. It will bring together winners of the Abel Prize and the Fields Medal, both in mathematics, as well as the Turing Award and the Nevanlinna Prize, both in computer science, in Heidelberg, Germany. The Heidelberg Laureate Forum Foundation (HLFF) is looking for outstanding young mathematicians and computer scientists from all over the world who would like to get the chance to personally meet distinguished experts from both disciplines and find out how to become leading scientists in their fields. Applications will be accepted until **February 28, 2014**. Applications must be submitted online at <http://application.heidelberg-laureate-forum.org>. The forum is being organized by the Heidelberg Laureate Forum Foundation in cooperation with the forum's founders, as well as the Association for Computing Machinery (ACM), the International Mathematical Union (IMU), and the Norwegian Academy of Science and Letters. For more information, see www.heidelberg-laureate-forum.org.

—From an HLF announcement

Call for Nominations for Second Stephen Smale Prize

The second Stephen Smale Prize will be awarded at the Foundations of Computational Mathematics (FoCM) meeting in Montevideo, Uruguay, December 11–20, 2014. The goal of the Smale Prize is to recognize major achievements in furthering the understanding of the connections between mathematics and computation, including the interfaces between pure and applied mathematics, numerical analysis, and computer science. To be eligible for the prize a candidate must be in his or her early to mid-career, meaning, typically, removed by at most ten years from his or her (first) doctoral degree by the first day of the FoCM meeting (December 11, 2014). Eligible candidates should be nominated by email to the secretary of FoCM, Antonella.Zanna@math.uib.no, no later than **March 10, 2014**. Each nomination should be accompanied by a brief case for support. The recipient of the prize will be expected to give a lecture at the meeting. A written version of this lecture (tagged as the Smale Prize Lecture) will be

included in the volume of plenary talks. For more information, see http://focm-society.org/smale_prize.php.

—From a FoCM announcement

Summer Program for Women Undergraduates

The 2014 George Washington University Summer Program for Women in Mathematics (SPWM) is open for applications. The program will take place in Washington, D.C., during the summer of 2014 on dates to be determined. This is a five-week intensive program for mathematically talented undergraduate women who are completing their junior years and may be contemplating graduate study in mathematical sciences. The goals of this program are to communicate an enthusiasm for mathematics, to develop research skills, to cultivate mathematical self-confidence and independence, and to promote success in graduate school. A number of seminars will be offered, led by active research mathematicians with the assistance of graduate students. The seminars will be organized to enable the students to obtain a deep understanding of basic concepts in several areas of mathematics, to learn how to do independent work, and to gain experience in expressing mathematical ideas orally and in writing. There will be panel discussions on graduate schools, career opportunities, and the job market. Weekly field trips will be organized to facilities of mathematical interest around the Washington area.

Applicants must be U.S. citizens or permanent residents studying at a U.S. university or college who are completing their junior years or the equivalent and have mathematical experience beyond the typical first courses in calculus and linear algebra. Sixteen women will be selected. Each will receive a travel allowance, campus room and board, and a stipend of US\$1,750. The deadline for applications is **February 28, 2014**. Early applications are encouraged. Applications are accepted only by mail. For further information and the exact dates of the program, please contact the director, Murli M. Gupta, email: mmg@gwu.edu; telephone: 202-994-4857; or visit the program's website at <http://www.gwu.edu/~spwm/>. Application material is available on the website.

—From an SPWM announcement

Call for Nominations for 2014 IBC Prize

This annual prize is for outstanding achievement in information-based complexity. The prize consists of US\$3,000 and a plaque. The achievement can be based on work done in a single year, a number of years, or over a lifetime; it can be published in any journal, number of journals, or monographs. Nominations may be sent to Joseph Traub at traub@cs.columbia.edu. However, a person does not have to be nominated to win the award. The deadline for nomination is **March 31, 2014**.

—Joseph Traub
Columbia University

CRM-PISA Junior Visiting Program

The “Centro di Ricerca Matematica Ennio De Giorgi” (CRM) invites applications for three two-year Junior Visiting positions for the Academic Year 2014/15.

Successful candidates will be new or recent PhD's in mathematics with an exceptional research potential. Ph.D.

students can also apply, provided they obtain their Ph.D. no later than October 2014. The annual gross compensation is 32,000 Euros, corresponding to a monthly salary of approximately 2,000 Euros (after tax), plus a research allowance of 1,000 Euros that can be used for exchange visits. Junior Visitors are expected to start their research activity at CRM no later than October 2014.

Deadline for application is January 10, 2014. The full announcement is available at <http://www.sns.it/en/servizi/job/assegnidiricerca/assegno545/>.

Hosting over 4,000 visitors since its foundation in 2001, CRM has been devoted to promoting excellence in a vast spectrum of research fields, from pure mathematics to mathematics applied to the natural and social sciences. As a consequence, CRM provides a thriving international and interdisciplinary research environment. Junior Visitors can take part in a great variety of scientific activities including intensive research periods, workshops, and seminars. Moreover, Junior Visitors have a unique opportunity to interact with top-class scientists who visit the CRM as part of our Senior Visiting Programme.

Please view our website for detailed information about our scientific activity <http://www.crm.sns.it>. (See also <http://www.crm.sns.it/news/102/>.)

—From CRM-PISA announcement

AMS Email Support for Frequently Asked Questions

A number of email addresses have been established for contacting the AMS staff regarding frequently asked questions. The following is a list of those addresses together with a description of the types of inquiries that should be made through each address.

abs-coord@ams.org for questions regarding a particular abstract or abstracts questions in general.

acquisitions@ams.org to contact the AMS Acquisitions Department.

ams@ams.org to contact the Society's headquarters in Providence, Rhode Island.

amsdc@ams.org to contact the Society's office in Washington, D.C.

amsfellows@ams.org to inquire about the Fellows of the AMS.

amsmem@ams.org to request information about membership in the AMS and about dues payments or to ask any general membership questions; may also be used to submit address changes.

ams-simons@ams.org for information about the AMS Simons Travel Grants Program.

ams-survey@ams.org for information or questions about the Annual Survey of the Mathematical Sciences or to request reprints of survey reports.

bookstore@ams.org for inquiries related to the online AMS Bookstore.

classads@ams.org to submit classified advertising for the *Notices*.

cust-serv@ams.org for general information about AMS products (including electronic products), to send address changes, place credit card orders for AMS products, to correspond regarding a balance due shown on a monthly statement, or conduct any general correspondence with the Society's Sales and Member Services Department.

development@ams.org for information about charitable giving to the AMS.

eims-info@ams.org to request information about Employment Information in the Mathematical Sciences (EIMS). For ad rates and to submit ads go to <http://eims.ams.org>.

emp-info@ams.org for information regarding AMS employment and career services.

eprod-support@ams.org for technical questions regarding AMS electronic products and services.

gradprg-ad@ams.org to inquire about a listing or ad in the Find Graduate Programs online service.

mathcal@ams.org to send information to be included in the “Mathematics Calendar” section of the *Notices*.

mathjobs@ams.org for questions about the online job application service Mathjobs.org.

mathprograms@ams.org for questions about the online program application service Mathprograms.org.

Inside the AMS

GLOBAL ACADEMIC FELLOWSHIP IN MATHEMATICS NYU SHANGHAI

NYU Shanghai is pleased to announce a search for Global Academic Fellows specializing in Mathematics. Global Academic Fellows in Mathematics play a central role in the mathematics teaching mission of the University, while enjoying the benefit of interaction with its Mathematics Research Institute, which is run jointly with the Courant Institute of Mathematical Sciences in partnership with East China Normal University. The research interests of the Mathematics Department and the Research Institute include, but are by no means limited to, applied analysis and probability theory, statistics, data sciences, scientific computing, differential equations, biophysics, fluid dynamics, and mathematical physics.

The Global Academic Fellowship provides an unprecedented opportunity to engage students from over 30 nations in the classroom. NYU Shanghai joins NYU in New York and NYU Abu Dhabi as the third degree granting campus in NYU's global network, and holds distinction as the first joint Sino-U.S. venture in higher education to offer degrees accredited in both the U.S. and China. Global Academic Fellows are expected to share the spirit of cooperation essential to global partnership.

Formal duties for this Fellowship will include teaching assistance, tutoring, and leading of student workshops. Fellows are encouraged and given significant opportunity to develop innovative pedagogies within and beyond these basic responsibilities. Fellows are invited to attend Research Institute seminars and participate in research activities when possible, including a research project which may serve as the basis for further graduate study or career development after the conclusion of the Fellowship. Each Fellow also partners with a division of the University to complete an Institutional Enrichment Project, which exposes Fellows to the essential functions of the University while developing leadership and management skills.

Fellowship details: The term of appointment is 10 months from August 1, 2014 to May 31, 2015. The Global Academic Fellowship includes a \$25,000 stipend, round-trip transportation to Shanghai, relocation allowance, as well as health and housing benefits.

Expected qualifications: To receive consideration, a candidate must possess at minimum a bachelor's degree and is expected to have received high academic distinction as an undergraduate or during his/her early professional career, including an outstanding academic record; strong evidence of personal initiative and commitment to scholarship beyond academic coursework are particularly valued. Teaching experience, although helpful, is not strictly required. Successful candidates will demonstrate initiative, judgment, and skill with working in diverse cultural environments.

Application process: To apply, please upload the following documents (in .pdf format):

- Cover letter
- Curriculum vitae
- Undergraduate transcript(s) (and graduate transcript(s), if applicable)
- Contact information for three references, including two faculty or research advisors

Applications will be reviewed on a rolling basis. Candidates with fewer than two years of continuous formal work experience may be required to participate in an unpaid two-week compulsory work certification training in China prior to the beginning of the Fellowship. Please visit our website at <http://shanghai.nyu.edu/about/open-positions-faculty> for instructions and other information on how to apply. If you have any questions, please e-mail nyush.gaf@nyu.edu.



NYU Shanghai is an Equal Opportunity/Affirmative Action Employer.

Inside the AMS

mathrev@ams.org to submit reviews to *Mathematical Reviews* and to send correspondence related to reviews or other editorial questions.

meet@ams.org to request general information about Society meetings and conferences.

mmsb@ams.org for information or questions about registration and housing for the Joint Mathematics Meetings (Mathematics Meetings Service Bureau).

msn-support@ams.org for technical questions regarding MathSciNet.

notices@ams.org to send correspondence to the managing editor of the *Notices*, including items for the news columns. The editor (notices@math.wustl.edu) is the person to whom to send articles and letters. Requests for permission to reprint from the *Notices* should be sent to reprint-permission@ams.org (see below).

notices-ads@ams.org to submit electronically paid display ads for the *Notices*.

notices-booklist@ams.org to submit suggestions for books to be included in the "Book List" in the *Notices*.

notices-letters@ams.org to submit letters and opinion pieces to the *Notices*.

notices-what@ams.org to comment on or send suggestions for topics for the "WHAT IS...?" column in the *Notices*.

nsagrants@ams.org for information about the NSA-AMS Mathematical Sciences Program.

paoffice@ams.org to contact the AMS Public Awareness Office.

president@ams.org to contact the president of the American Mathematical Society.

prof-serv@ams.org to send correspondence about AMS professional programs and services.

publications@ams.org to send correspondence to the AMS Publication Division.

pub-submit@ams.org to submit accepted electronic manuscripts to AMS publications (other than Abstracts). See <http://www.ams.org/submit-book-journal> to electronically submit accepted manuscripts to the AMS book and journal programs.

reprint-permission@ams.org to request permission to reprint material from Society publications.

sales@ams.org to inquire about reselling or distributing AMS publications or to send correspondence to the AMS Sales and Member Services Department.

secretary@ams.org to contact the secretary of the Society.

student-serv@ams.org for questions about AMS programs and services for students.

tech-support@ams.org to contact the Society's typesetting Technical Support Group.

textbooks@ams.org to request examination copies or inquire about using AMS publications as course texts.

webmaster@ams.org for general information or for assistance in accessing and using the AMS website.