

A PUBLICATION TO INFORM  
 MEMBERS ABOUT SOCIETY  
 ACTIVITIES. THIS ISSUE  
 COVERS INTERNATIONAL  
 PROGRAMS.

A lot has changed since 1888, when graduate student Thomas S. Fiske, inspired by the fellowship of mathematicians at Cambridge University, returned to New York City and founded a society to foster a sense of “comradeship among Americans interested in mathematics.” That society evolved into the American Mathematical Society, which in turn has evolved into a truly international organization. Almost one-third of AMS members are from 135 countries outside the U.S.

## AMS Category-S Members

The AMS invites individuals in 143 developing countries to join the AMS at a special, low dues rate. The annual rate through 2006 is \$16, or 16 “AMS points” (earned by writing two reviews for *Mathematical Reviews*). The AMS-subsidized dues program serves to keep mathematicians from around the world (particularly those in remote or isolated locations) in touch with their colleagues and with mathematics. In 2006, Category-S will be renamed “Affiliate Member.” AMS membership at a reduced rate is also available to individuals outside the U.S. who belong to one of the 76 other mathematical societies with which the AMS has a reciprocity agreement.

[Read more](#) For more information see [www.ams.org/membership](http://www.ams.org/membership).

## Copublishing, Distributing, and Translating International Works

A new agreement with the Real Sociedad Matemática Española (Royal Mathematical Society of Spain) will lead to the publication of advanced textbooks and monographs from Spanish authors. The AMS also recently became the exclusive distributor in the Americas of book series published by the European Mathematical Society and is working with authors and publishers in China to publish more works translated from Chinese.



AMS Acquisitions Editors (left to right) Ed Dunne, Ina Lindemann, and Sergei Gelfand.

The AMS copublishes book series with The Fields Institute and the Centre de Recherches Mathématiques in Canada, and with the London Mathematical Society, and produces and distributes books in the U.S. in cooperation with Bar-Ilan University Press (Israel), the European Mathematical Society, the Hindustan Book Agency, the Mathematical Society of Japan, the Société Mathématique de France, the Sociedad Matemática Mexicana, the Tata Institute of Fundamental Research (India), the Theta Foundation of Bucharest, and Vieweg Verlag (Germany). The AMS also publishes works in various series translated into English from many languages, including Greek, Ukrainian, Japanese, Russian, French, Swedish, Polish, Spanish, and German.

Among the journals the AMS distributes in the U.S. are those published by the Independent University of Moscow, the National Academy of Science of Ukraine, the Ramanujan Mathematical Society, the Société Mathématique de France, and the Theta Foundation of Bucharest.

[Read more](#) See all the books and journals published, copublished, and distributed by the AMS on the AMS Bookstore at [www.ams.org/bookstore](http://www.ams.org/bookstore).

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## Fan China Exchange Program



Fan Huijun (right) with host Prof. Yongbin Ruan at the University of Wisconsin-Madison

Grants to support collaborations between Chinese and U.S./Canadian researchers are made possible through the generosity of Ky and Yu-Fen Fan. The grants support travel of mathematicians for visits with research colleagues.

“... My experience is that face-to-face discussion can't be replaced.”

— **Fan Huijun**, Institute of Mathematics, CAS, Beijing

“I spent two weeks in China, working with very bright young mathematicians. It was very rewarding!”

— **Luis Caffarelli**, University of Texas at Austin

“The Fan program is wonderful and will definitely have a lot of positive impact on the mathematics communities of U.S. and China.”

— **Prof. Chi Kwong Li**, College of William & Mary

[Read more](#) See [www.ams.org/employment/chinaexchange.html](http://www.ams.org/employment/chinaexchange.html).

## The AMS and the International Mathematical Union (IMU)

AMS member contributions to the IMU Special Development Fund are very generous and enable young researchers to attend the **International Congress of Mathematicians (ICM)** every four years. AMS members contributed over \$126,000 to the fund that awarded travel grants to 95 young mathematicians in developing countries to attend the ICM in Beijing in 2002. AMS members continue to contribute to this fund.

AMS Executive Director John Ewing serves on the IMU's Committee on Electronic Information Communication (CEIC), which advises the IMU on electronic publishing. The CEIC recently solicited a proposal from the Mathematical Reviews and Zentralblatt reviewing databases which recommended standards for metadata that will make it easy to add bibliographic material to the databases.

[Read more](#) See CEIC announcements at [www.ceic.math.ca](http://www.ceic.math.ca).

## Book & Journal Donation Program

The AMS Book and Journal Donation Program, made possible by support from the Alan and Katherine Stroock Fund, matches donors of certain types of mathematical materials with recipient institutions or libraries in currency-poor or developing countries where there is a need for mathematical research literature.

“...The journals will make a substantial difference in the opportunities for education of many talented individuals. This is a case of international cooperation at its best.”

— **Alfonso Castro**, Harvey Mudd College



Jorge Cossio

### Journals journey to new home



“... I am sure that this donation will contribute to the scientific progress of my country.”

— **Jorge Cossio**, Universidad Nacional de Colombia Sede Medellin

“...The journals are extremely valuable for the Romanian mathematical community. We are very indebted to you.”

— **Dr. Serban Basarab**, Director of the Institute of Mathematics “Simion Stoilow”, Romania

“... The books will be a most valuable and needed supplement to our scanty collection of materials in the mathematical field. We are most heartened by the excellent donation.”

— **Dr. S.A. Brink**, Director of Library Services, University of Venda for Science and Technology, South Africa

So far the AMS has facilitated donations from generous individuals and libraries to Argentina, Armenia, Bulgaria, China, Colombia, Cuba, the Czech Republic, Egypt, Georgia, Hungary, India, Iran, Morocco, Romania, Russia, South Africa, Turkey, Uzbekistan, and Vietnam.

[Read more](#) For guidelines and instructions, see the AMS Book & Journal Donation Program at [www.ams.org/employment/bookdonation.html](http://www.ams.org/employment/bookdonation.html).

## Online Resources & Tools

Among the many online resources available at no cost as a service to all are:

- **Bulletin of the AMS**, a quarterly journal of expository articles, reports on important mathematical developments, and book reviews by invitation, at [www.ams.org/bulletin](http://www.ams.org/bulletin).



David Jones, Publications Group, developer of *amsrefs 2.0*.

- **Amsrefs 2.0**, a recently developed L<sup>A</sup>T<sub>E</sub>X extension package that allows an author to send a paper with embedded references to a publisher without any loss of internal structural information about the entries, preserving a structured markup of the bibliography throughout the entire lifetime of the document, from rough draft to final archival version, for use in various publishing environments.

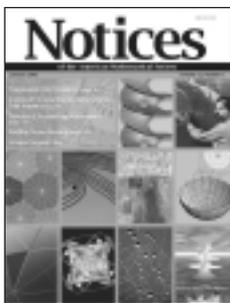
- **MRef**, an MR Database tool for creating standard references with links, making it easier for authors to add links to MathSciNet in their bibliographic references while at the same time verifying their accuracy and standardizing their form.

[Read more](#) See the Author Resource Center at [www.ams.org/authors](http://www.ams.org/authors).

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AMS MEMBER NEWSLETTER

**Notices of the AMS**



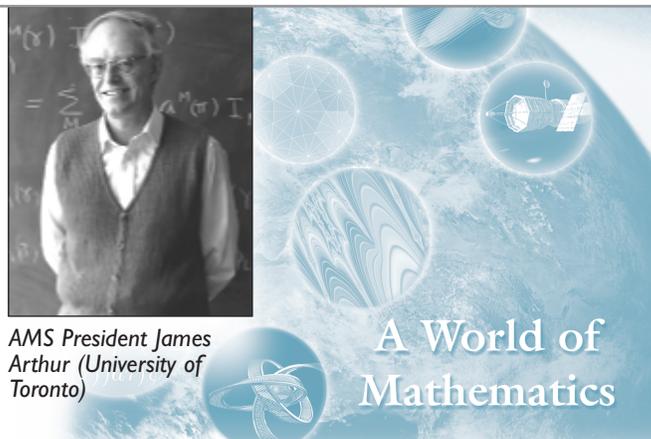
*Notices of the AMS* at [www.ams.org/notices](http://www.ams.org/notices) celebrates its 10th anniversary in its present format, and continues to feature **profiles** of and **interviews** with an international cast of mathematicians, **expository articles**, **obituaries**, **prizes** and **prizewinners**, **anniversaries of institutes**, a **calendar of meetings** around the world, articles on **mathematics education** in different countries, lists of **Stipends for Travel and Study Abroad** and **Reciprocity Agreements**, and **Letters to the Editor** from all over the world.

[Read more](#) See *Notices of the AMS* dating back to 1995 online at [www.ams.org/notices](http://www.ams.org/notices).

**The AMS—an International Professional Society**

“The AMS is a major contributor to the vitality of mathematics on the national and international stages. I am pleased to begin my term as president of the American Mathematical Society (2005–2006) to represent this professional organization and its many programs that support research and strengthen communication worldwide.”

[Read more](#) Visit the AMS website at [www.ams.org](http://www.ams.org) to learn more about all the Society’s programs serving the international mathematical community.



AMS President James Arthur (University of Toronto)

**A World of Mathematics**