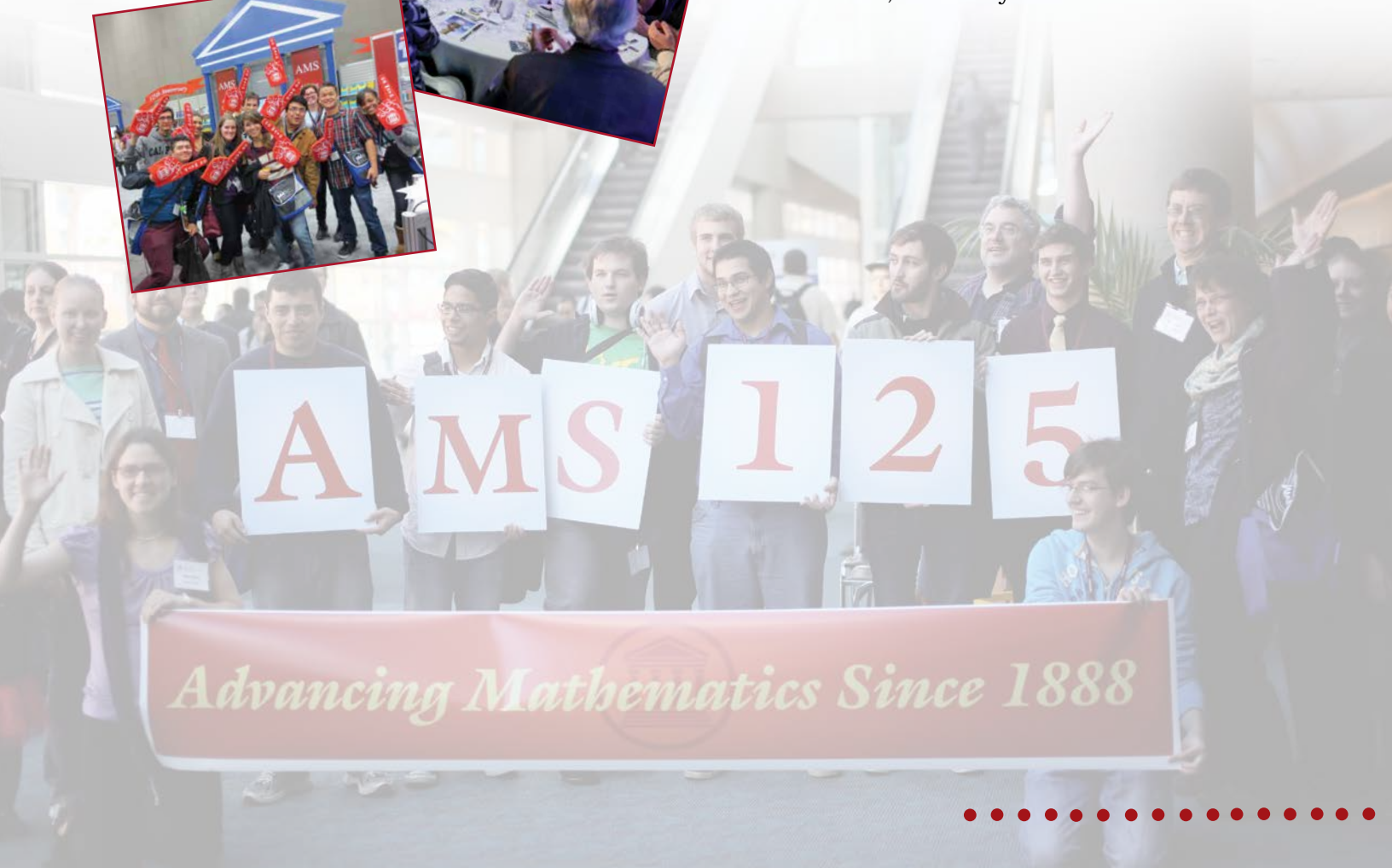
AMS Member News

125th Anniversary
American Mathematical Society
AMS
Advancing Mathematics Since 1888

Highlights of the 2013 Joint Mathematics Meetings

Over 6,600 mathematicians, exhibitors, and students came to the 2013 Joint Mathematics Meetings of the American Mathematical Society and Mathematical Association of America in San Diego, CA, January 9-12. Mathematicians presented work; met colleagues, mentors and new friends; attended the annual Prize Ceremony; and saw a wide range of exhibitors. Of course, mathematical talks were everywhere, from the AMS invited lecturers such as Kenneth M. Golden, Emily Shuckburgh, Cédric Villani, and Alice Guionnet, to the over 3,000 organized sessions, to hallway discussions.



Highlights of the 2013 Joint Mathematics Meetings (continued)

The AMS launched celebrations for the AMS 125th Anniversary at JMM, with an AMS Gala, special sales, giveaways, and cake in the AMS exhibit area, sponsorship of a WiFi Hotspot, and a human knot "flash mob". The AMS exhibit booth was redesigned, drawing inspiration from the AMS logo. The exhibition hall was where most of the participants came to view new publications, software, and products, as well as to meet colleagues and see the Mathematical Art Exhibition.

To see more highlights and photos from this year's JMM, **visit www.ams.org/meetings/national/jmm13-highlights.**

AMS Fellows Inaugural Class

At this year's JMM, the AMS initiated its inaugural class of Fellows of the American Mathematical Society. The recipients of this honor attended a dessert reception where they were warmly welcomed by past-president Eric Friedlander, renewed old acquaintances, and thoroughly enjoyed their evening. Among the 500+ attendees were some of the most significant contributors to the field of the mathematical sciences. The second class of Fellows of the AMS will be inducted at the JMM 2014 in Baltimore. See you there!

Does www.ams.org Serve the Needs of Students?

The AMS invites students in the mathematical sciences to fill out a brief survey about the AMS website. If you are a mentor or advisor, please pass this along to your students. Their feedback is important. Please visit **www.surveymonkey.com/s/ams-website-students** to participate. With the results of this survey, the AMS hopes to continue its mission of serving the changing needs of the global mathematical community.

Coming to a Bookshelf Near You!

What's Happening in the Mathematical Sciences, Volume 9
by **Dana MacKenzie**

The AMS book series *What's Happening in the Mathematical Sciences* shines a welcome spotlight on some of the most cutting-edge and compelling developments in contemporary mathematics. These include the mathematics behind stories that made headlines, as well as fascinating mathe-

matical vignettes that never made it into the newspapers. A hallmark of the series is the author's propensity for crafting vibrant and accessible prose, rendering the books appropriate for nearly anyone with a zest for great mathematics.

The topics covered in this volume highlight a diverse range of mathematical achievements, both in the theoretical domain and in the world at large. Several chapters illustrate the integral role of mathematics in helping society prepare for and manage recent natural and manmade disasters. Examples include the use of mathematical models to optimize national and international responses to the 2009 H1N1 pandemic, the collaboration following Japan's 2011 tsunami between geoscientists and mathematicians to improve our short-term forecasting ability and quantify the long-term risks of tsunamis, and the adaptation of earthquake prediction algorithms to forecast criminal activity in Los Angeles and other U.S. cities (also known as "predictive policing").

Fortunately, not all mathematics involves emergencies. The book examines several notable conjectures settled in recent years, including the Willmore and Lawson Conjectures. There are pieces on the emerging subject known as tropical geometry, the widely publicized 2012 discovery of the elusive Higgs boson, topic modeling, and new discoveries about mathematicians' (and many other people's) favorite toy, the Rubik's Cube. Despite the differences in subject matter, the stories in this volume share a delightful similarity with other volumes in the series: the delivery remains sound, and the mathematics is as riveting as ever.

To learn more, visit the AMS Bookstore, **www.ams.org/bookstore**.

AMS 125th Anniversary

Keep up with special AMS 125th Anniversary news and updates at: **www.ams.org/about-us/ams-125th**

Continue the Celebration!

The AMS is celebrating its 125th Anniversary throughout 2013. Show your support and spread awareness of the events planned by displaying a 125th Anniversary poster in your department, classroom, or office. Request one today by sending an email to mem-prog@ams.org with your name and mailing address.

AMS 125th Anniversary Pin

Did you get an AMS 125th Anniversary pin at the JMM? It's not too late to receive one! Send email with your choice of pin and a mailing address to mem-prog@ams.org.

AMS Launches Graduate Student Chapters

In 2012 the AMS sponsored a pilot program of four graduate student chapters. They are located at Oklahoma State University, Brown University, Wesleyan University, and Tufts University.

Applications are now being accepted for new student chapters. Annual funding in the amount of $500 is awardable to each chapter. This support will help chapters sponsor social functions on campus for the mathematical community, invite guest speakers, or other activities.

To learn more about submitting a proposal, visit **www.ams.org/studentchapters**.

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American Mathematical Society

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Mark Your Calendar

October 5-6, 2013–AMS Sectional Meeting, University of Louisville

October 12-13, 2013–AMS Sectional Meeting, Temple University

October 18-20, 2013–AMS Sectional Meeting, Washington University

November 2-3, 2013–AMS Sectional Meeting, University of California Riverside

January 15-18, 2014–Joint Mathematics Meetings, Baltimore

Mathematics Calendar

Looking for more opportunities to collaborate with colleagues from other institutions? Check out the AMS Mathematics Calendar. This comprehensive listing of gatherings, colloquia, seminars, and conferences provides a one-stop guide for face-to-face collaboration and networking. Whatever your field, there's always an upcoming event! Visit the calendar, get inspired, and make some connections at **www.ams.org/meetings/calendar/mathcal**.

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Questions about Membership?

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AMS Member News is published by the AMS Membership and Programs Department.