

SIAM Unwrapped

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May 2011

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SIAM Unwrapped is a free electronic newsletter distributed monthly to SIAM members. It provides links to industry news, membership information, meetings, publications, and other items of interest.

Dear SIAM members,

SIAM is constantly evolving and developing its outreach efforts in order to promote applied mathematics to the general public. As mentioned in a previous issue, we release “nugget articles” to give insights to the larger audience about selected research from SIAM journals. We are also soliciting ideas for research-based videos to be distributed to news broadcast stations around the world via [DBIS](#), a program of the American Institute of Physics.

Please feel free to send us ideas about exciting research conducted by you, your colleagues or your institutions! We look forward to hearing from you.

If you’re moving, please make sure your membership is active in order to keep your publications coming. Go to the link below to update your address:

my.siam.org/cust_serv

Regards,

Karthika Muthukumaraswamy
Editor

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::: SIAM HQ UPDATE :::

Nominate a colleague for a SIAM Prize!

While one of the goals of SIAM is to promote study and research in applied mathematics and computational science, so is the acknowledgment of exemplary researchers and academicians. As a result, SIAM developed its extensive prize program, which awards several honors each year, either alone or in partnership with its sister societies. Distinguished members of the community who have helped further their field of study by their exemplary research, academic achievements, service to the larger community, and communication of the relevance of applied mathematics and computational science to the general public are recognized. While the prizes carry monetary rewards, a place on the list of prize lecturers at the next SIAM Annual Meeting—which accompanies many of the awards—and the recognition the awardees and their institutions receive is valued much, much more! Nominate a colleague today!

Go to the link below for a list of prizes currently open for nominations:

<http://www.siam.org/prizes/nominations.php>

Please visit the Prizes page to find detailed information on each award:

<http://www.siam.org/prizes/sponsored/>

If you have questions, e-mail Joanna Littleton at littleton@siam.org.

Members get members, become winners

Many of our members took advantage of SIAM's Member Get a Member program, opening their colleagues to a world of SIAM benefits. Members whose referred colleagues subsequently joined SIAM between November 8, 2010 and March 31, 2011, were entered into a drawing to win prizes along with their newly-referred colleagues. The drawing was held on April 7, and members were randomly selected for prizes. We are pleased to welcome 21 new members into the SIAM community as a result of the program. Please find a full list of winners here:

<http://connect.siam.org/?p=753>

We are grateful to all our referring and new members for helping our society grow.

::: STUDENT NEWS & NOTES :::

Thirty high school students, representing the top 1% of participants in Moody's Mega Math (M³) Challenge 2011, an Internet-based applied math contest organized by SIAM, received their awards at Moody's Corporation headquarters in New York City on Thursday, April 28. As members of the top six teams, they presented their mathematical models analyzing the economic and political implications of long-term drought, the subject of this year's problem. With exemplary presentations based on their solution papers that were researched, written and submitted within a 14-hour window in early March, these students demonstrated the creativity and talent that helped them beat out more than 2,500 other high school participants to get to this final round. A panel of professional mathematician judges determined the final rank order of the teams, with Florida's Pine View School taking the top prize in its first ever appearance in the Challenge. SIAM Past President Margaret Wright addressed the winners, invoking legendary mathematician George Pólya and underscoring the significance of mathematical modeling. Prizes totaling \$100,000 were awarded by The Moody's Foundation in the 2011 contest. Now in its sixth year, the M³ Challenge is currently open to 18 states on the U.S. East Coast, with plans for expansion to a few more states next year. To find more information on the Challenge, please visit:

<http://m3challenge.siam.org/>

Recognizing outstanding work by SIAM Student Chapters

The SIAM Student Chapter Certificates of Recognition are given in order to acknowledge the importance of student contributions in creating and sustaining SIAM chapters around the world, providing a noteworthy commendation for students to add to their career-building portfolios, and to reward student efforts within the greater SIAM community. We are pleased to congratulate the 2011 recipients, and are extremely grateful for their contributions to the development and growth of SIAM student chapters.

Please find a full list of 2011 recipients here:

<http://connect.siam.org/?p=735>

Find more details on Certificates of Recognition here:

<http://www.siam.org/students/chapters/certificate.php>

::: CYBER-SIAM UPDATES :::

An online community platform for SIAM

Late last year, we conducted a survey of SIAM members about their use of social media, asking them to pitch in with ideas on their vision for an online community for SIAM. 57% of respondents indicated that they use social media, 66% of whom rated themselves as at least "competent" in social media use. The

survey indicated that SIAM members use social media professionally mainly to communicate and discuss scientific ideas, consume news and information in the field, and further their professional development goals. Security of data is a high priority to the community as exchange of information is one of the top uses cited by respondents. Email is currently the primary method of communication among members, and SIAM's site, in addition to other websites, functions as a source of reliable information. While Facebook, Twitter, and other public sites are taking off in the SIAM community, as evidenced by increasing interactions from members and a rapid growth of followers, social media is not yet in a position to replace traditional communications channels. 40% of survey respondents indicated an interest in using a SIAM online community. We are working our way towards it. Please continue to send us your ideas!

Get SIAM e-alerts on books, journals and more

There's no need to miss out when SIAM publishes a book that covers your area of interest. Just visit the SIAM [Book Alerting Service](#) page, fill in your information, and we will let you know anytime we publish a book that may be of interest to you. There are 37 different subject categories for users to choose from, including an option to select all categories. Whenever a new SIAM book is released in a category you've selected, SIAM will send an email with complete information about the book. Visit the page to sign up for this valuable free service:

<http://my.siam.org/forms/alert.htm>

In addition, you can also receive notifications for articles published in SIAM Journals by signing up for Table of Content alerts:

http://epubs.siam.org/interactive_features/journal_toc_alerts

Receive alerts for science policy news by signing up for our science policy e-newsletter:

http://www.siam.org/about/science/sci_policy_form.php

::: ICIAM UPDATES :::

Keep abreast of ICIAM 2011

A little over a month remains for online advance registration to ICIAM 2011. Go to the link below to register:

http://www.iciam2011.com/index.php?option=com_content&view=article&id=43&Itemid=48

View the posted [program online](#) to get an overview of the various panels, thematic minisymposia, contributed papers and posters to expect at the Congress. You can also search for speakers via the [speaker index](#), and browse sessions by [topic area](#).

Official [ICIAM hotels](#) are booking quickly, so we encourage you to make your accommodation arrangements soon.

[Sign up for e-alerts](#) to get updates about the meeting and to know what to expect in Vancouver.

::: **CONFERENCE UPDATES** :::

CSE 2011 archives are now online

Most of the invited talks and a section of minisymposia talks were captured at the SIAM Computational Science and Engineering Conference, which was held in Reno, Nevada, in late February. The presentation slides, synchronized with the audio recording, can be found at:

https://live.blueskybroadcast.com/bsb/client/CL_DEFAULT.asp?Client=975312&PCAT=2976&CAT=2972

Search for presentations by date, or use the "Search by Classification" function to find talks in a particular topic over the entire archived collection.

Find all SIAM conference archives here:

<http://www.siam.org/meetings/archives.php>

Conferences accepting registrations and submissions

[SIAM Conference on Analysis of Partial Differential Equations \(PD11\)](#), November 14-17, 2011, San Diego, CA, USA

The deadline for contributed and minisymposium abstracts is May 16, 2011. Go to the [submissions page](#) for more details and information:

<http://www.siam.org/meetings/pd11/submissions.php>

[SIAM Conference on Geometric and Physical Modeling \(GD/SPM11\)](#), October 24-27, 2011, Orlando, Florida, USA

Minisymposia and contributed talk submissions are still being accepted. Deadline for submissions is May 30, 2011.

Go to the [submissions page](#) for details:

<http://www.siam.org/meetings/gdsprm11/submissions.php>

If your email does not support the hyperlink features, please copy any of the above URLs and paste them into your Internet browser.

Questions/comments/suggestions? Send them to karthika@siam.org.

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