

SIAM Unwrapped

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

Dear SIAM Members,

Please help us update our address book. If you've moved, SIAM would still like to stay in touch. So, please be sure to update your address online at https://my.siam.org/cust_serv or contact customer service by email or phone. See <http://www.siam.org/contact/> for information on how to contact customer service.

Regards,

Dan Cleary & Karthika Muthukumaraswamy
Editors

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SIAM HQ UPDATE

SIAM goes social -

Science organizations are fast realizing the value of social networks to enhance collaboration, promote intellectual discussion, build a stronger community, and most importantly, attract young talent into the field. We at SIAM think it would be a good idea to establish a wider social network as well. To that end, we now have a fairly active Facebook page, a growing presence on LinkedIn, and are starting out on Twitter. But no social network is complete without input from the community it is trying to foster. Hence, we would like to invite your ideas and suggestions on the kind of content our social media pages should offer, both in terms of providing practical applications and fostering intellectual debate. If you would like to volunteer to provide content or discussion themes for any of our networks, we would greatly appreciate it. It would be impossible to grow and build these communities without your input and sustained interaction, and we greatly look forward to your insights.

- Facebook: <http://www.facebook.com/SIAMconnect>
- Twitter: <http://twitter.com/Siamconnect>
- SIAM Photos on Flickr: <http://www.flickr.com/photos/siamconnect/>
- Linked In: http://www.linkedin.com/groups?home=&gid=904137&trk=anet_ug_hm

SIAM and AWM join forces to offer reciprocal benefits -

Through a new reciprocity agreement with the Association for Women in Mathematics (AWM), AWM members can now get a 20% discount off SIAM member rates, providing them with all the benefits of a regular membership. Members of SIAM may, in turn, join AWM for the discounted membership price of \$30 for two years. SIAM is delighted to have this reciprocal partnership with AWM, and hopes to add more women members to its community. "SIAM is committed to reaching out to a variety of different groups and especially to increasing the number of women members," said Sue Minkoff, Chair of the SIAM Membership Committee. "We are excited to be able to offer this special value to individuals who would like to be members of both AWM and SIAM." The exhibit hall at the annual meeting will have a booth catering to those who would like to sign up for membership to both SIAM and AWM. Be sure to visit it! Please see further details on the partnership on our membership page:

www.siam.org/membership/individual/reciprocal.php

Nominate a SIAM Fellow -

It's that time of year again. With the 2010 selections wrapped up, SIAM is getting ready to designate its next Class of Fellows. We invite members to extend their nominations of distinguished researchers to the 2011 Fellows of the Society. Selections will be made in the fall of 2010. The Fellows Program encourages nominations from diverse backgrounds, including the industrial, private and public sectors. Members are also urged to nominate deserving individuals from minorities and underrepresented groups. Please refer to the Prizes and Awards page for criteria and guidelines:

<http://www.siam.org/prizes/fellows/index.php>

SIAM seeks volunteers -

SIAM is seeking individuals willing to serve on its committees. Members may either choose to volunteer themselves, or suggest volunteers for boards and committees that report to various entities within the organization. A list of committees can be found at <http://www.siam.org/about/committees.php>. Please drop us your suggestions by clicking on the suggestions link at the bottom of the SIAM home page, or by

visiting <http://www.siam.org/about/suggestions.php>. Suggested individuals will be considered for appointment at the SIAM Annual Meeting in July.

New content on History Project -

In an effort to showcase the history of applied mathematics, the SIAM History project spotlights interviews and insights from key figures that played significant roles in the development of numerical analysis and scientific computing. The project traces the history of the field from World War II through much of the eighties. Some new material has recently been added to the page under a new section titled "Presentations." Check it out here: <http://history.siam.org/presentations.htm>

Link to the history project: <http://history.siam.org/>

AWARDS AND PRIZES

Graduate students win prizes for paper submissions -

Winners of the SIAM Student Paper Competition, conducted annually by SIAM to recognize outstanding research by students, have been announced. Bubacarr Bah of the University of Edinburgh, Russell Carden of Rice University, and Karin Leiderman of the University of Utah have been invited to receive their awards at the SIAM Annual Meeting in July. Each awardee will receive a hand-calligraphed certificate and a cash prize of \$1,000 at the Prizes and Awards Luncheon, which will take place from 12:30 PM to 2:30 PM on July 13, 2010. Bah, Carden and Leiderman have also been invited to present their papers later that same day between 5:00 PM and 6:00 PM as part of Student Days.

Check out details of their papers and research work here:

<http://www.siam.org/about/news-siam.php?id=1744>

Undergraduates win awards in math modeling contest -

The Mathematical Contest in Modeling (MCM), conducted by the Consortium for Mathematics and Its Applications (COMAP), tests students on open-ended problems involving mathematical modeling. The SIAM award in the Mathematical Contest in Modeling (MCM) is given to the most outstanding solutions as judged by SIAM and COMAP judges. This year, students from the School of Civil Engineering and Mechanics at the Huazhong University of Science and Technology (HUST) in Wuhan, China won the award for the continuous problem category while a team from Rensselaer Polytechnic Institute in Troy, New York took away the prize in the discrete category. The teams have been invited to receive their awards and present their winning papers at the SIAM Annual Meeting. Details on the contest and winners can be found at: <http://www.siam.org/about/news-siam.php?id=1737>

Nominate someone for a SIAM award -

SIAM has plenty of prizes to give out in 2011, and we'd like for you to suggest who they should go to. Seven SIAM prizes will be awarded at the Joint SIAM/CAIMS Prizes and Awards Luncheon at ICIAM 2011. In addition, the SIAGs on Geosciences, Optimization, Dynamical Systems, Control and Systems Theory, and Analysis of PDE will present prizes at their respective 2011 conferences. If you know of deserving individuals in the field, this is your chance to give them a shout out. Visit the Nominations page for guidelines: <http://www.siam.org/prizes/nominations.php>

STUDENT CHAPTER NEWS & NOTES

Recognizing contributors to student chapters -

SIAM awards certificates of recognition to student members who have shown their commitment and support by making contributions toward the growth of SIAM student chapters around the world. The recipients for the fourth annual SIAM Student Chapter Certificates of Recognition have been named, and a list can be found here: <http://www.siam.org/students/news.php?id=1745>

ICIAM 2011 UPDATES

ICIAM 2011 is now accepting minisymposium proposals -

Minisymposium proposals may now be submitted for ICIAM 2011. The 7th International Congress on Industrial and Applied Mathematics is to be held in Vancouver, Canada from July 18-22, 2011. ICIAM 2011 is being organized jointly by SIAM, the [Canadian Applied & Industrial Mathematics Society \(CAIMS\)](#), and the [Mathematics of Information Technology & Complex Systems \(MITACS\)](#). Each minisymposium will consist of four 25-minute presentations with additional time for questions. Submitted proposals should include a title, a description (up to 100 words), and a list of speakers with accompanying presentation titles. The early decision deadline for minisymposium proposals is August 18, 2010, midnight Eastern Time.

Proposals may be submitted on the ICIAM submissions page here:
http://www.iciam2011.com/index.php?option=com_content&view=article&id=26:mini-symposia-a-papers&catid=4:iciam2011-calls&Itemid=5

Or via the SIAM site here: <http://meetings.siam.org/start.cfm?CONFCODE=ic11>

Sign up for ICIAM 2011 e-alerts -

Stay on top of all the news and updates from ICIAM 2011 by signing up for e-mail alerts. Don't miss important information about new developments and upcoming due dates. Look for the 'Sign up for E-alerts' link on the left navigation bar on the ICIAM 2011 home page: <http://www.iciam2011.com/>

Or go to: http://www.iciam2011.com/index.php?option=com_wrapper&view=wrapper&Itemid=10
ICIAM 2011 will be held in Vancouver, Canada from July 18-22, 2011.

Be a satellite at ICIAM!

If you are planning a meeting that's sufficiently close to ICIAM 2011 in time, space and topic, you will be considered for a satellite meeting. This is to allow attendees to get the most out of their ICIAM experience by taking advantage of relevant meetings in the area during the same time period. Satellite meetings are not linked to ICIAM in an official capacity, but will be cross listed on the ICIAM 2011 Web site if approved. An embedded meeting is a meeting that may be planned by another organization but takes place during the same week as ICIAM 2011 and hence, could potentially use shared resources. Tentative information about meetings in initial stages of planning is welcome. Please see the embedded and satellite meetings page for details:

http://www.iciam2011.com/index.php?option=com_content&view=article&id=25:embedded-a-satellite-meetings&catid=4:iciam2011-calls&Itemid=5

CONFERENCE NEWS & NOTES

SIAM Conference on Nonlinear Waves and Coherent Structures -

The SIAM Conference on Nonlinear Waves and Coherent Structures (NW10) will be held in Philadelphia, PA, from August 16-19, 2010. In order to get the best rates, be sure to register before the pre-registration deadline at 4 pm EDT on July 19th. NW10 will provide a forum for the discussion of mathematical methods and tools, and promote cross interaction among fields as wide-ranging as general relativity, plasma physics, nonlinear optics, chemical reactions, and biology, to mention just a few. It aims to bridge theory and practice by bringing together mathematicians who formulate ideas and the scientists who apply them. To register and check out details, visit the conference page at:

<http://www.siam.org/meetings/nw10/index.php>

SIAM/MSRI Workshop on Hybrid Methodologies for Symbolic-Numeric Computing -

Improving numerical robustness with symbolic techniques is the basis behind the developing field of hybrid symbolic-numerical computation. The SIAM/MSRI Workshop on Hybrid Methodologies for Symbolic-Numeric Computing is being organized by SIAM in partnership with the Mathematical Sciences Research Institute. It will take place at MSRI headquarters in Berkeley, California from November 17 – 19, 2010. Speakers will range from pioneers in the field to outstanding up-and-coming researchers. The workshop will provide a platform for discussion to researchers on both sides of the symbolic-numeric computing aisle, as well as those in between.

To register or find more details, please visit the workshop page on the MSRI site:

http://www.msri.org/calendar/workshops/WorkshopInfo/575/show_workshop

Or, go to the SCG workshop page: <http://www.scg.uwaterloo.ca/siam-msri-hybrid>

Hold a meeting in cooperation with SIAM -

Each year, meetings conducted by other organizations can be held in cooperation with SIAM. If approved, SIAM promotes such conferences on the site's news pages, and allows the use of its name for promotional purposes. Requests are subject to consideration by the SIAM Vice President for Programs, following whose approval they are reviewed by the chairperson of the relevant SIAG. Approval is on a conference by conference basis. SIAM does not assume liability for financial or legal services for meetings and requests that its participation be acknowledged, in addition to the inclusion of at least one SIAM member on the organizing committee. For guidelines on making a request, please visit:

https://www.siam.org/meetings/meetings_detail/guidecoop.php

View the list of upcoming meetings in cooperation here:

https://www.siam.org/meetings/meetings_detail/cooperation.php