

SIAM Unwrapped - March 10, 2014

News & announcements for the SIAM membership community

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Dear SIAM members,

Are you qualified to be a SIAM ambassador? The answer is yes—if you use visual aids from SIAM. Read more about it below.

Students, could you use funds for travel to SIAM conferences? Travel funding is available from SIAM. Details are below.

Are you ready to take a peek into ICIAM 2015 scheduled to take place in Beijing, China? Spoiler alert: it's going to be packed with great content!

Regards,

Karthika Muthukumaraswamy
Editor

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::: SIAM HQ UPDATE :::

Make the most of SIAM

We know you are SIAM members for a reason (or several reasons): staying abreast of the latest developments in the field, partaking in scientific discussion in various disciplines in applied math and computational science, networking and collaborating at SIAM conferences and events, and so on and so forth. But are you making the most of SIAM? There may be benefits of SIAM that you may not even be aware of. Have you checked out the “Make the most of your membership” page yet? View it at the link below:

<http://www.siam.org/membership/makethemost.php>

Spread the word about SIAM

Spread the word about SIAM

Traveling somewhere? Would you like to share SIAM with your colleagues? Be part of the “SIAM Ambassador” program. The brand new [SIAM Ambassadors page](#) brings together all the activities and programs carried out by SIAM.

As SIAM President Irene Fonseca explains, “The “SIAM Ambassador” program is an important part of SIAM’s mission to raise the visibility of the math profession, and an easy way for our members to spread the word about all the wonderful perks of joining SIAM, both among their colleagues and when travelling. Ambassadors can also make use of SIAM Nuggets and Math Matters flyers to raise awareness of mathematics’ real world impact, and have at their disposal SIAM’s Career brochure and information about SIAM’s free applied math contest (for high school students) when recruiting the next generation of young scientists and engineers.” You can find information on all this and more at <http://www.siam.org/membership/ambassador.php>. Now go on, spread the word!

::: STUDENT NEWS & NOTES:::

Take advantage of free student memberships

Students – a reminder that all full-time graduate students attending any school that is an [academic member of SIAM](#) can join SIAM for free. You may view the list of academic member schools at the aforementioned link or in the January/February issue of *SIAM News*. Is your school an academic member? If so, [join now!](#) Undergraduates attending schools that are academic members must be

nominated for free membership by a faculty member who is a member of SIAM. Please see full details about student memberships at:

<http://www.siam.org/students/memberships.php>

::: PUBLISHING NEWS AND NOTES :::

New Spotlights series will illuminate timely topics

SIAM Spotlights is a new book series that comprises brief and enlightening books on timely topics in applied and computational mathematics, and scientific computing. The books, spanning 125 pages or less, will be produced on an accelerated schedule with attractive pricing. For more information, please visit:

<http://www.siam.org/books/series/sp.php>

Do you have a manuscript (or an idea for one) that may be right for Spotlights? Potential authors should contact Elizabeth Greenspan (greenspan@siam.org) or Sara Murphy (murphy@siam.org).

::: UPDATES ON CONFERENCES & PRIZES :::

Stay tuned for ICIAM 2015

Mathematicians from around the world will gather in Beijing, China in August 2015 for the 8th International Congress on Industrial and Applied Mathematics (ICIAM). To be held at China National Convention Center inside the Beijing Olympic Green, the Congress will feature invited and prize lectures, an awards ceremony for ICIAM prizes, minisymposia, poster sessions, exhibits, public events, as well as embedded and satellite meetings.

You can view a [block schedule](#) of the program and make a note of [important dates](#) and deadlines.

If you wish to submit a presentation to the Congress, please view the call for submissions at <http://www.iciam2015.cn/Submissions.html>. Submissions for minisymposia open at the end of the month. Detailed information is available on the [Congress website](#).

Lineup of invited sessions at ICIAM 2015

If the selection of invited speakers is anything to go by, ICIAM 2015 offers a lot to look forward to. Promising a good mix of industrial and academic scientists, speakers represent a range of disciplines from mathematical biology, linear algebra and control theory to finite elements, dynamical systems, and optimization. Invited speakers include SIAM Fellows Lisa Fauci of Tulane University, Volker Mehrmann of Technische Universität Berlin and Ricardo Nochetto of University of Maryland. SIAM Fellow and Germund Dahlquist Prize winner Jesús Sanz Serna of Universidad de Valladolid, Spain, will deliver an

invited talk, as will Eric Vanden-Eijnden of Courant Institute, New York University, winner of SIAG/DS's Crawford Prize and the 2009 Dahlquist Prize. Industrial representatives in the lineup include Intel's Karl Kempf, who directs the improvement of decision-making processes at the technology manufacturer's capacity supply chain and has [been profiled](#) by Bloomberg Businessweek. Bob Bixby, President and Co-founder of Gurobi Optimization, who co-founded CPLEX Optimization in the late eighties and has had over two decades of experience in the optimization software business, will round out the industrial representation.

View the full list of invited speakers on the Congress website:

<http://www.iciam2015.cn/newsletter-invited+speakers.html>

UQ14 goes mobile

A mobile app for the [SIAM Conference on Uncertainty Quantification \(UQ14\)](#) taking place March 31 – April 3 in Savannah, Georgia, is available for download. If you plug www.tripbuilder.com/siam2014events into your mobile browser, the link will automatically detect the type of device and take you to the right place to download the app. Alternatively, view the mobile site in HTML5 by connecting to www.tripbuilder.net/mw/apps/siam2014events.

After launching the 2014 SIAM events app or mobile site, you can then select UQ14 from the list of events and view the meeting schedule, the speaker, attendee and exhibitor list, take a look at maps and building layouts, sync events with your mobile calendar, and even create your own show by selecting specific sessions.

Peer-reviewed research from conferences

[SIAM's Proceedings](#) bring you peer-reviewed original research from annual conferences covering discrete algorithms, data mining, and control. Recent proceedings can now be accessed on the same platform that hosts SIAM journals. Please view them at the link below, where you can browse by title or subject:

<http://epubs.siam.org/action/showPublications?catType=proceedings>

Student travel funds for SIAM meetings

SIAM will award several hundred travel awards for graduate students wishing to attend SIAM conferences in 2014. The awards (unless otherwise noted in the award letter) come with free registration. Awards will be allocated on a competitive basis, and include \$650 for domestic and \$800 for international travel. Those who may be eligible for travel funds are strongly encouraged to apply! Check out the eligibility criteria on the student travel awards page:

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

Application instructions are on the awards application site at <http://awards.siam.org/>. Alternatively, visit the [SIAM conference calendar](#) to select the conference of your choice, and click on “Travel Support” from the right-hand navigation menu.

SIAM conference registrations & submissions

[SIAM International Conference on Data Mining \(SDM14\)](#), April 24-26, 2014, Philadelphia, Pennsylvania, USA

[Pre-registration](#) deadline: March 27, 2014

[SIAM Conference on Imaging Science \(IS14\)](#), May 12-14, 2014, Hong Kong

[Online registration](#) still available.

[SIAM Conference on Optimization \(OP14\)](#), May 19-22, 2014, San Diego, California, USA

[Pre-registration](#) deadline: April 21, 2014

[SIAM Workshop on Combinatorial Scientific Computing \(CSC14\)](#), July 21-23, 2014, Lyon, France

Student and early-career [travel award application](#) deadline: March 21, 2014

[SIAM Conference on Financial Mathematics and Engineering \(FM14\)](#), November 13-15, 2014, Chicago, Illinois, USA

Minisymposia proposal [submission](#) deadline: April 16, 2014

Abstracts for minisymposia and contributed speakers due: May 14, 2014

Prize nomination deadlines

[SIAG/FME Junior Scientist Prize](#): March 15, 2014

[Peter Henrici Prize](#): May 1, 2014

For the complete list of the call for nominations, please visit:

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

AMCS conferences and events

[38th Annual SIAM Southeastern Atlantic Section Conference \(SIAM-SEAS 2014\)](#)
March 28-30, 2014, Melbourne, Florida

[SIAM Great Lakes Section 2014 Conference](#)
April 4-5, 2014, Toledo, Ohio

NSF-CBMS Regional Research Conferences

View the link above for information on eight conferences to be held in 2014.

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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.

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