

SIAM Unwrapped – September 2014

News & announcements for the SIAM membership community

Download a PDF version



Dear SIAM members,

Did you know that one of the most convenient ways to stay updated about SIAM activities and announcements is through our social media pages? Like us on [Facebook](#), follow us on [Twitter](#), and subscribe to our [YouTube channel](#)!

We also have a brand new [Google Plus page](#). Follow us and add us to your circles for updates. Also share interesting articles, events and other activities with us that may be of interest to the larger math community.

Regards,

Karthika Muthukumaraswamy

Editor

This issue of SIAM Unwrapped brought to you with the support of:

A promotional banner for CRC Press mathematics books. It features a blue background with white and red text. The text reads "Premier MATHEMATICS Books" in large white letters, followed by "SAVE 25%" in red. Below this, it says "Download a FREE Chapter Today!" in red, with the website "www.CRCPRESS.com" in white. The CRC Press logo is also present, along with the text "Promo Code KZN18", "CRC Press", and "Taylor & Francis Group". On the right side, there are three book covers: "Real Analysis and Foundations THIRD EDITION", "Do I Count? Stories from Mathematics", and "Secret History The Story of Cryptology".

Contents:

SIAM HQ UPDATE

- Welcoming SIAM's new section
- Look for your membership renewal email!
- Nominate a colleague to the 2015 Class of SIAM Fellows
- Invite a colleague to join the SIAM community!

STUDENT NEWS & NOTES

- Apply for funds for your student chapter

PUBLIC AWARENESS

- Forum: Building student success in college math
- Presentations from AN14 now available to view

PUBLISHING NEWS & NOTES

- New SIAM books
 - *Climate Modeling for Scientists and Engineers*
 - *Programming Projects in C for Students of Engineering, Science, and Mathematics*

UPDATES ON CONFERENCES & PRIZES

- Travel grants for ICIAM 2015
- Child Care Grants for CSE15
- SIAM conference registrations & submissions
- Prize nomination deadlines
- AMCS conferences and events

::: SIAM HQ UPDATE :::

Welcoming SIAM's new Section

SIAM has a brand new section in the US, the SIAM Central Section, serving the states of Arkansas, Colorado, Iowa, Kansas, Mississippi, Missouri, Nebraska, and Oklahoma. All SIAM members residing in these states will automatically become members of the section. Objectives of the new section are to support the SIAM mission in the central region of the US, enhance communication among section members, promote collaboration for both basic research and applications of mathematics to industry and science, and to represent applied and computational mathematics in the region. The proposed activities for the SIAM central section include annual section meetings, seminars and workshops for advanced topics of common interest to section members, encouragement of new SIAM student chapters as well as facilitation of collaboration among all chapters in the central region, and expansion of the influence of SIAM in the central states. Participation will be open to all institutions and industries in the region.

Look for your membership renewal email!

If your SIAM membership expires December 31, 2014, you will be receiving an email from "renewals@siam.org" about renewing your membership for 2015. From that email, you can link directly to your SIAM membership account and either pay your dues online or print out a renewal invoice to mail or fax your payment. You can reach the same information by going to *my.siam.org*, logging in, and clicking on the "My Renewals" tab. Free student members, don't forget that you also need to renew your membership in order to continue receiving benefits of membership in 2015. If you have any questions about renewing, contact membership@siam.org.

Don't forget, you can [nominate two students](#) for free membership each calendar year.

Nominate a colleague to the 2015 Class of SIAM Fellows

Nominations for the 2015 Class of Fellows are being accepted through November 3, 2014. You can help raise visibility of the applied math community by enabling SIAM to identify members of the community with demonstrated excellence in research, industrial work, educational activities and other service related to the goals of SIAM. Fellows will be announced in March and will be recognized at the International Congress on Industrial and Applied Mathematics (ICIAM 2015) to be held in Beijing, China next August.

Members can nominate up to two individuals for distinguished work in the applied mathematical and computational sciences. Make a nomination at <http://nominatefellows.siam.org>.

To find more information on the SIAM Fellows Program, including nomination guidelines, go to:

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

Invite a colleague to join the SIAM community!

If you have a friend or colleague that has yet to discover the benefits of SIAM, invite them to join! If you manage to convince them to join SIAM, both you and your colleague will be entered into a drawing to win one of the following prizes: an iPad, an additional year of SIAM membership, a SIAM conference registration for the meeting of your choice, or a SIAM book of your choice from our entire catalogue. Plus, you will receive a € SIAM t-shirt for your recruitment efforts. Make use of the [MGAM Recruitment Kit](#) to aid your efforts.

To be included in the contest drawing in January 2015, all new member applications must be received by the SIAM office by December 31, 2014.

View more details at <http://www.siam.org/membership/mgam.php>.

::: STUDENT NEWS & NOTES:::

Apply for funds for your student chapter

SIAM is accepting requests for funding for up to \$500 per SIAM Student Chapter for projects taking place on campus during the 2014-2015 academic year. Download the guidelines and "Request for Funding" forms at <http://www.siam.org/students/chapters/funding.php>, complete, and submit to [Nancy Snell](#), Membership Coordinator, by September 30, 2014.

SIAM would also like to welcome its newest student chapters. View the full list here:

<http://connect.siam.org/siam-welcomes-its-newest-student-chapters/>

::: PUBLIC AWARENESS :::

Forum: Building student success in college math

SIAM is a member of the [Conference Board of the Mathematical Sciences \(CBMS\)](#) which will host a National Forum on building student success in the first two years of college math. The [Forum](#) will be held at the Hyatt Regency Hotel in Reston, Virginia, on October 5-7, 2014. The Forum features sessions such as the one on [Modeling across the Curriculum](#), organized by SIAM VP for Education Peter Turner. Details on the Forum as well as registration information may be found at www.cbmsweb.org/Forum5/index.htm. It should also be noted that SIAM's governance approved the creation of a new activity group, the SIAM Activity Group on Applied Mathematics Education. More information on this will be forthcoming in the near future.

Presentations from AN14 now available to view

Presentations from select sessions at the [2014 SIAM Annual Meeting](#) are now available on SIAM Presents...Featured Lectures from Our Archives:
<http://www.siam.org/meetings/presents.php>

Please go to the [direct link](#) to view the sessions captured. You do not need to login to view presentations, though registering will allow you to track the presentations you access. Audio/slides can be viewed by selecting "Invited Speakers", "Prize Speakers" or "Minisymposia" from the left sidebar and then connecting to a specific session.

::: PUBLISHING NEWS & NOTES :::

New SIAM Books

Climate Modeling for Scientists and Engineers

John B. Drake

Climate modeling and simulation teach us about past, present, and future conditions of life on Earth and help us understand observations about the changing atmosphere and ocean and terrestrial ecology. Focusing on high-end modeling and simulation of Earth's climate, this book presents observations about the general circulations of the earth and provides supplemental lectures and MATLAB[®] exercises on an associated Web page.

Additional information: bookstore.siam.org/mm19

2014 / viii + 165 / softcover / ISBN: 978-1-611973-53-2 / List Price \$69.00 / SIAM Member Price \$48.30 / Order Code MM19

Programming Projects in C for Students of Engineering, Science, and Mathematics

Rouben Rostamian

Written as a tutorial on how to think about, organize, and implement programs in scientific computing, this book achieves its goal through an eclectic and wide-ranging collection of projects. Each project presents a problem and an algorithm for solving it. The reader is guided through implementing the algorithm in C and compiling and testing the results. It is not necessary to carry out the projects in sequential order.

Additional information: bookstore.siam.org/cs13

2014 / xvi + 393 / softcover / ISBN 978-1-611973-49-5 / List Price \$69.00 / Member Price \$48.30 / Order Code CS13

::: UPDATES ON CONFERENCES & PRIZES :::

Travel grants for ICIAM 2015

SIAM has support for 100 mathematical and computational scientists to travel to and attend ICIAM 2015, to be held August 10-14 in Beijing, China. Funding for this travel award is made possible by a grant from the U.S. National Science Foundation (NSF). The nominal limit of travel support is in the amount of US \$2000. Please note that a free registration is not included.

For awards funded by this grant from the NSF, applicants must be affiliated with a U.S. institution at the beginning of ICIAM (August 10, 2015). For more details and instructions for applying for travel support, please visit:

<http://www.siam.org/meetings/iciam15/>

Child Care Grants for CSE15

SIAM is offering up to \$250 per family for attendees who bring children to the 2015 Conference on Computational Science and Engineering being held in Salt Lake City, Utah, in March 2015. For more information and a link to the application form, please visit:

<http://www.siam.org/meetings/cse15/childcare.php>

The deadline for applications is January 16, 2015.

SIAM conference registrations & submissions

[**SIAM International Conference on Data Mining \(SDM15\)**](#), April 30-May 2, 2015, Vancouver, British Columbia, Canada

Abstract [submission](#) deadline: October 5, 2014

Paper [submission](#) deadline: October 12, 2014

Workshop proposal deadline: October 5, 2014

Tutorial proposal deadline: October 12, 2014

[SIAM Conference on Applications of Dynamical Systems \(DS15\)](#), May 17-21, 2015, Snowbird, Utah, USA

Minisymposium proposals [submission](#) deadline: October 20, 2014

Abstracts for minisymposia, contributed lectures and poster submissions are due: November 17, 2014

[The 13th International Symposium on Orthogonal Polynomials, Special Functions and Applications \(OPSFA13\)](#), June 1-5, 2015, Gaithersburg, MD

Minisymposium proposals [submission](#) deadline: November 3, 2014

Abstracts for contributed and minisymposium speakers submissions are due: February 2, 2015

[SIAM Conference on Control and Its Applications \(CT15\)](#), July 8-10, 2015, Paris, France

Minisymposium proposals [submission](#) deadline: January 12, 2015

Abstracts for contributed and minisymposium speaker [submission](#) deadline: January 21, 2015

Full Paper for consideration in [Proceedings](#): January 21, 2015

Prize nomination deadlines

[The John von Neumann Lecture](#): September 15, 2014

[Ralph E. Kleinman Prize](#): October 15, 2014

[George Pólya Prize for Mathematical Exposition](#): October 15, 2014

[W. T. and Idalia Reid Prize](#): October 15, 2014

[AWM-SIAM Sonia Kovalevsky Lecture](#): November 1, 2014

[Germund Dahlquist Prize](#): November 15, 2014

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

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

AMCS conferences and events

[Model Management, Risk, Validation and Stress Testing Conference](#)

November 10-11, 2014, Miami, Florida

[39th SIAM Southeastern Atlantic Section Conference \(SIAM-SEAS 2015\)](#)

March 20-22, 2015, Birmingham, Alabama

Society for Industrial and Applied Mathematics (SIAM)
3600 Market Street, 6th Floor, Philadelphia, PA, 19104-2688 USA
Phone: +1 215-382-9800 Fax:+1 215-386-7999 www.siam.org



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.

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.

Please note: If you would prefer not to receive this e-newsletter, reply to this email with the word "unsubscribe" in the subject line and you will be removed from the *SIAM Unwrapped* mailing list.