

SIAM Unwrapped – February 2016

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Dear SIAM members,

Although 2016 just started, the SIAM Annual Meeting is quickly approaching. In this issue, read about some new additions to the AN16 agenda, like a panel on “BIG” career opportunities, and a workshop on optics and photonics. And it’s your lucky day – the SIAM student travel award deadline has been extended to February 22 for four of our

upcoming meetings – Nonlinear Waves, Life Sciences, Network Science and Annual meetings.

Stay tuned as we’re up for these and other exciting 2016 activities and initiatives!

Becky Kerner
Editor

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::: FROM SIAM HQ :::

Welcome to the New SIAM Pacific Northwest Section

We are pleased to add a new section to our repertoire! The SIAM Pacific Northwest Section (SIAMPNWS) became official in early 2016 and aims to enhance the communication among its members, promote collaboration for basic research and applications of mathematics to industry and science, and to support the SIAM mission in the Pacific Northwest region of the US and Canada. The section plans to do this through a variety of activities, including a biennial section meeting and other seminars and workshops. [Learn more about section officers, activities, and how to get involved.](#)

Read Now: January/February Issue of SIAM News

The January/February issue of [SIAM News](#) is now available! Learn about leveraging noise to control complex networks, electricity and energy optimization, eigenvalue analysis and model reduction in the treatment of disc brake squeal, SIAM's newest leadership and more. [Read now and don't forget to sign up for SIAM News Online Alerts.](#) Just click the "Sign Up" button in the top right corner.

::: PUBLISHING NEWS & NOTES :::

New SIAM LaTeX2e Macro Set – Enhanced, Modernized, Ready for Authors

Last month, SIAM released a modernized set of enhanced LaTeX2e Macro files for use with 11 of our journals. A corresponding upgrade for our four (soon to be five) exclusively online journal macros will follow. The revised SIAM Standard Macro set includes such new features as cross-referencing commands with hyperlinking, integrated support for supplemental materials, the automatic generation of bookmarks corresponding to section headings and the ability to generate PDF files directly with PDFLaTeX, PostScript via LaTeX and DVIPS, and more. [Learn more about this update and how it benefits you as an author.](#)

::: SIAM ANNUAL MEETING 2016 :::

AN16 will be held July 11-15, 2016 in Boston, MA. Will you join us? [Get all the details on AN16.](#)

The Career Fair is Back!

This year, SIAM will be sponsoring a Career Fair on alternatives to academia as part of AN16 and the joint Life Sciences Meeting (LS16) on Monday, July 11. The SIAM Career Fair offers a unique and interactive opportunity for conference attendees and prospective employers to meet and discuss career opportunities. The 2016 fair will host representatives from Boeing, HP Labs, Aerospace Corporation, MIT Lincoln Laboratory and more. We hope to see you there! [Learn more.](#)

Interesting in learning about other non-academic career opportunities? Tom Grandine and Rachel Levy are organizing a panel discussion on Business, Industry and Government (BIG) Career Opportunities at AN16, too. [More info soon on the #SIAMAN16 webpage.](#)

NEW: SIAM-NSF Optics and Photonics Workshop

As part of AN16, we will also be hosting the SIAM-NSF Optics and Photonics Workshop on Monday, July 11. Due to recent advances in computational tools, materials science and nanostructure fabrication, mathematicians and computational scientists have a larger role to play than ever in optics and photonics.

The workshop will feature 11 accomplished applied mathematicians working in the field of optics and photonics. They will highlight important open problems and discuss the NSF programs in these areas. Travel awards will be available for graduate students and early career researchers, as well as researchers who are members of underrepresented minorities of any rank. [More info coming soon on the AN16 webpage.](#)

::: CONFERENCE UPDATES :::

Request for Proposals: 2017 NSF-CBMS Regional Research Conferences

To stimulate interest and activity in mathematical research, the National Science Foundation (NSF) plans to support up to 10 NSF-CBMS Regional Research Conferences in 2017. These conferences are intended to stimulate interest and activity in mathematical research. Each five day conference features a distinguished lecturer who delivers 10 lectures on a topic of important current research in one sharply focused area of the mathematical sciences. Proposals for conferences to be held in 2017 are due by April 29, 2016. [Learn more and submit.](#)

SIAM Conference Registrations, Submissions & Deadlines

[SIAM Conference on Uncertainty Quantification \(UQ16\)](#), April 5-8, 2016, Lausanne, Switzerland

On-site Registration rate online ends: March 31, 2016, midnight PST

[Register Now](#)

[SIAM Conference on Parallel Processing for Scientific Computing \(PP16\)](#), April 12-15, 2016, Paris, France

Pre-registration online rate online ends: February 28, 2016, midnight CET

On-site registration rate online ends: March 27, 2016

[Register Now](#)

[**SIAM Conference on Mathematical Aspects of Materials Science \(MS16\)**](#), May 8-12, 2016, Philadelphia, Pennsylvania, USA

Hotel Reservation Deadline: Monday, April 11, 2016

[Hotel information](#)

Child Care Grant application deadline: March 18, 2016

[Apply for Child Care Grant](#)

[**SIAM Conference on Imaging Science \(IS16\)**](#), May 23-26, 2016, Albuquerque, New Mexico, USA

Hotel Reservation Deadline: April 25, 2016

[Hotel information](#)

Child Care Grant application deadline: March 23, 2016

[Apply for Child Care Grant](#)

[**SIAM Conference on the Life Sciences \(LS16\)**](#), July 11-14, 2016, Boston, Massachusetts, USA

Student and Early-Career Travel Award Deadline Extended: February 22, 2015

[Apply for support](#)

[**SIAM Annual Meeting \(AN16\)**](#), July 11-15, 2016, Boston, Massachusetts, USA

Student and Early-Career Travel Award Deadline Extended: February 22, 2016

[Apply for support](#)

[**SIAM Workshop on Network Science \(NS16\)**](#), July 15-16, 2016, Boston, Massachusetts, USA

Submission Deadline: February 25, 2016

[Submit Now](#)

Student and Early-Career Travel Award Deadline Extended: February 22, 2015

[Apply for Support](#)

[**SIAM Conference on Nonlinear Waves and Coherent Structures \(NWCS16\)**](#), August 8-11, 2016,

Philadelphia, Pennsylvania, USA

Deadline for minisymposia proposals extended: February 8, 2016

[Submit now](#)

Deadline for contributed lecture, poster and minisymposium presentation abstracts: February 8, 2016

[Submit now](#)

Student and Early-Career Travel Award Deadline Extended: February 22, 2016

[Apply for Support](#)

[**SIAM Conference on Mathematics of Planet Earth \(MPE16\)**](#), September 30-October 2, 2016,

Philadelphia, Pennsylvania, USA

Deadline for minisymposia proposals: March 2, 2016

Deadline for contributed lecture, poster and minisymposium presentation abstracts: March 30, 2016

[Submit Now](#)

Student and Early-Career Travel Award Deadline: March 18, 2016

[Apply for Support](#)

[**SIAM Conference on Applied Mathematics Education \(ED16\)**](#) September 30-October 2, 2016,

Philadelphia, Pennsylvania, USA

Deadline for minisymposia proposals: March 2, 2016

Deadline for contributed lecture, poster and minisymposium presentation abstracts: March 30, 2016

[Submit Now](#)

Student and Early-Career Travel Award Deadline: March 18, 2016

[Apply for Support](#)

Check out the [SIAM Conference Calendar](#) for a full list of SIAM meetings and those sponsored by SIAM.

::: M3 CHALLENGE :::

Registration Countdown is On – Sign Up Now!

Registration for the 2016 Moody's Mega Math Challenge closes next Friday, February 19. What are you waiting for? Find out about \$150K in scholarship money, get involved as a judge or by proposing a challenge problem, and share this high school math modeling competition with someone you know.

Visit m3challenge.siam.org.

PS – Did you miss the brand new 2016 [#M3Challenge](#) animation video? We've topped 32,000 views – help us reach 35,000! [Watch it now.](#)

::: PRIZES :::

Students: Travel Awards Still Available

Want to attend an upcoming SIAM conference? We have student travel awards available to help make that possible. SIAM will give out \$225,000+ in financial assistance to students in 2016, and we plan to give 75+ travel awards for the upcoming joint Annual Meeting and Conference on the Life Sciences, happening July 11-15, 2016 in Boston, MA. This is your chance at funds which will help defray your travel costs for your trip to Boston, or any other SIAM meeting. [Learn more and apply now.](#)

Make Your Nominations: Upcoming Prize Deadlines

Don't forget to make nominations for colleagues (or classmates) who inspire you and deserve to be recognized by the SIAM prize program in 2016, and keep an eye out for more prize announcements in coming months!

[SIAM Student Paper Prize](#) – Deadline: February 15, 2016

[SIAG/FME Early Career Prize](#) – Deadline: March 15, 2016

[Check out the complete call for nominations list.](#)

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