SIAM Unwrapped – January 2016
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Dear SIAM members,

Happy 2016! We are hitting the ground running with the start of the New Year, ringing it in with new book titles, conferences galore and prize nomination calls that will honor the young, bright minds of 2016. Find out how you can fulfill your New Year's resolution and get more involved in the applied math community this year, and of course, don't forget to renew your SIAM and SIAG memberships to ensure you keep reaping all of your member benefits.

Here's to a great 2016!

Becky Kerner
Editor

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::: FROM SIAM HQ :::
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Meet the 2016 JPBM Communications Award Winners

Science writer Simon Singh and the National Museum of Mathematics (MoMath) are dual recipients of the Joint Policy Board for Mathematics' (JPBM) 2016 Communications Awards. Singh, who is receiving the 2016 JPBM Communications Award for Expository and Popular Books, has authored many texts with mathematical elements. MoMath, a hands-on science center in New York, is receiving the 2016 JPBM Communications Award for Public Outreach. [Learn more.](#)

::: PUBLISHING NEWS & NOTES :::

New Journal: *SIAM Journal on Applied Algebra and Geometry*

Bernd Sturmfels of the University of California, Berkeley, will serve as the first Editor-in-Chief of the *SIAM Journal on Applied Algebra and Geometry*, which was recently approved by the SIAM Board and Council. With the initial Editorial Board currently being assembled, a Call for Papers will soon be issued and the journal hopes to begin taking submissions by early spring.

The journal's goal is to publish research articles on the development or the application of algebraic, geometric, and topological methods. The connection to applications will be strong and must be clearly established in articles. Keep an eye out for more info in coming months, and in the meantime, [learn more about other SIAM journals](#).

Book Buzz: Newest SIAM Books

Check out what's new in 2016, including titles on everything from ordinary differential equations to optimization, statistics, and more. Get complete information on all new and upcoming titles on the [official SIAM bookstore page](#). Remember, your SIAM membership means you save 30% on every SIAM book you buy!

Now available:

- [An Introduction to Domain Decomposition Methods: *Algorithms, Theory, and Parallel Implementation*](#) by Victorita Dolean, Pierre Jolivet, and Frédéric Nataf (OT144)
- [Electrical Transmisssion System Cascades and Vulnerability: *An Operations Research Viewpoint*](#) by Daniel Bienstock (MO22)
- [Adaptive Treatment Strategies in Practice: *Planning Trials and Analyzing Data for Personalized Medicine*](#) by Michael R. Kosorok and Erica E. M. Moodie, Editors (SA21)
- [Stochastic Systems: *Estimation, Identification, and Adaptive Control*](#) by P. R. Kumar and Pravin Varaiya (CL75)
- [Ordinary Differential Equations and Linear Algebra: *A Systems Approach*](#) by Todd Kapitula (OT145)
- [Riemann–Hilbert Problems, Their Numerical Solution, and the Computation of Nonlinear Special Functions](#) by Thomas Trogdon and Sheehan Olver (OT146)

::: CONFERENCE UPDATES :::

SIAM Annual Meeting 2016 (AN16)

AN16 will be held July 11-15, 2016 in Boston, MA, and deadlines for submissions are quickly approaching. Added bonus: we've got some fun new additions to the meeting this year, including e-posters and minisymposteria. [Get all the details on AN16.](#)

E-Posters

An e-poster is a large electronic display that you can plug your laptop into to show rich, interactive material at the poster session. AN16 will have up to 25 of these e-poster displays that SIAM will make available to poster presenters who wish to use them. In order to select the poster presenters, we are requesting a 100-500 word explanation on why we should select you to use an e-poster. Deadline for submissions is February 1, 2016. [Learn more and submit.](#)

Poster Minisymposia (Minisymposteria)

A minisymposterium consists of a collection of 3+ posters by different presenters grouped around a central theme. The posters will be co-located in the poster viewing area. Deadline for submissions is February 1, 2016. [Learn more and submit.](#)

Apply Now: Gene Golub SIAM Summer School

[The 2016 Gene Golub SIAM Summer School](#) on Stochastic Differential Equations and Wave Propagation is happening July 25 – August 5, 2016 at Drexel University, in Philadelphia, Pennsylvania, USA, and deadlines are quickly approaching. Applications to attend are due February 1, 2016. The summer school

will precede the [2016 SIAM Conference on Nonlinear Waves and Coherent Structures](#), August 8 – 11, 2016, also being held in Philadelphia. [Apply, download a flyer and find more information](#).

Interested in running a Gene Golub SIAM Summer School in 2017? Proposals in all areas of applied and computational math will be considered. If interested, submit a letter of intent by January 31, 2016. [Learn more.](#)

SIAM Conference Registrations, Submissions & Deadlines

[SIAM Conference on Uncertainty Quantification (UQ16)](#), April 5-8, 2016, Lausanne, Switzerland
Pre-registration online ends: January 31, 2016, midnight PST
Regular Registration online ends: March 31, 2016
Onsite Registration online available: April 5-8, 2016
[Register Now](#)

[SIAM Conference on Parallel Processing for Scientific Computing (PP16)](#), April 12-15, 2016, Paris, France
POSTER DEADLINE EXTENDED to February 2, 2016 (or sooner if session becomes full)
[Submit 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 Discrete Mathematics (DM16)](#), June 6-10, 2016, Atlanta, Georgia, USA
Deadline for minisymposia proposals: January 11, 2016
Deadline for contributed lecture, poster and minisymposium presentation abstracts: February 1, 2016
[Submit now](#)
Student and Early-Career Travel Award Deadline: January 22, 2016
[Apply for support](#)

[SIAM Conference on the Life Sciences (LS16)](#), July 11-14, 2016, Boston, Massachusetts, USA
Deadline for minisymposia proposals: January 19, 2016
Deadline for contributed lecture, poster, minisymposteria, and minisymposium presentation abstracts: February 1, 2016
This meeting is joint with the SIAM Annual Meeting, but program submissions are separate.
[Submit now](#)
Student and Early-Career Travel Award Deadline: February 8, 2015
[Apply for support](#)

SIAM Annual Meeting (AN16), July 11-15, 2016, Boston, Massachusetts, USA
Deadline for minisymposia proposals: January 19, 2016
Deadline for contributed lecture, poster, minisymposteria and minisymposium presentation abstracts:
February 1, 2016
This meeting is joint with the SIAM Conference on the Life Sciences, but program submissions are
separate.
Submit now
Student and Early-Career Travel Award Deadline: February 8, 2015
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: February 8, 2015
Apply for Support

SIAM Conference on Nonlinear Waves and Coherent Structures (NWCS16), August 8-11, 2016,
Philadelphia, Pennsylvania, USA
Deadline for minisymposia proposals: January 11, 2016
Deadline for contributed lecture, poster and minisymposium presentation abstracts: February 8, 2016
Submit now
Student and Early-Career Travel Award Deadline: January 29, 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
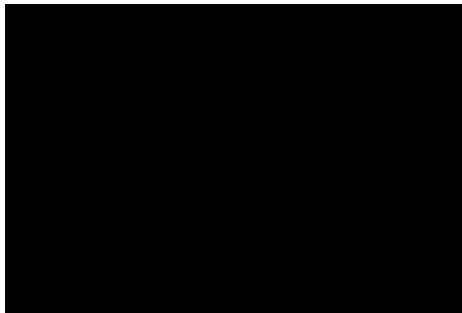Submit Now
Student and Early-Career Travel Award Deadline: March 18, 2016

Check out the SIAM Conference Calendar for a full list of SIAM meetings and those sponsored by SIAM.

::: M3 CHALLENGE :::

New Video: What You Need to Know About the M3 Challenge

Do you want to learn more about the Moody's Mega Math (M3) Challenge high school math modeling
competition? Watch our BRAND new short video, created in collaboration with our creative partners at
Liquid Interactive! This will be 63 seconds well spent.

Registration for the 2016 M3 Challenge closes February 19. Learn more, find out about $150K in scholarship money, and get involved as a judge or by proposing a challenge problem. Visit m3challenge.siam.org. #M3Challenge

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::: PRIZES :::

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.

Refresher: What is the SIAM Student Paper Prize?

More than 20 years ago we created the SIAM Student Paper Prize in order to shine the spotlight on outstanding scholarship by students in applied mathematics or computing. We want to know what the younger generation is up to, and are thrilled to recognize bright young minds. The prize is awarded every year to the student authors of the most outstanding papers submitted to the SIAM Student Paper Competition and is based on the merit and content of the student's contribution to the submitted paper.

The deadline for submissions for this prize is February 15, 2016. Learn more about paper and submission requirements now and submit your nomination.

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 kerner@siam.org.