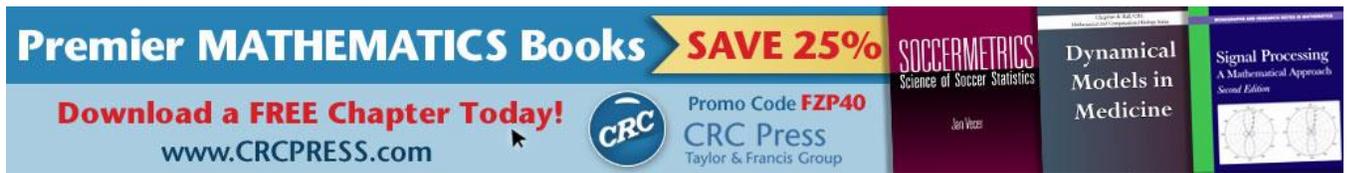


SIAM Unwrapped – November 2015

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Dear SIAM members,

I'm thrilled to introduce myself to you as the new editor of SIAM's *Unwrapped* e-newsletter. I'm passionate about SIAM's mission and keeping you – our members – up to date with relevant and timely news you can use, as well as arming you with the tools you need to get involved and play a part in our efforts to continue bringing the mathematical sciences into the spotlight – a goal I'm confident that we share. If you have content ideas, questions or qualms, don't hesitate to reach out to me directly at kerner@siam.org.

Thanks for reading!

Becky Kerner
Editor

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::: SIAM HQ UPDATE :::

Visit the New & Improved SIAM Job Board

Whether you're entering the workforce for the first time or feeling like you want to take that next step in your career, the [SIAM Job Board](#) brings you up-to-date listings in the mathematical and computational sciences and is here to help you find the position that's right for you. Added bonus: it was recently revamped and is not only easier to navigate, but you can now search for jobs by keyword, function, specialty, economic sector, and job type, plus jobs can be sorted by position, location and date posted. [Find your future job](#) on the Job Board, and [follow the SIAM Job Board Twitter page](#) for weekly job updates.

PS – Looking for more general career info? [Visit our Careers page](#) for professional development advice, insights on careers in the mathematical sciences, suggestions for landing internships, and tips from seasoned professionals.

SIAM/INASP Deal to Provide Free Journal Access in Developing Countries

Big news! We are happy to share that SIAM recently struck up a deal with the international development charity INASP; this deal will continue the important work of advancing research and education internationally, specifically in mathematical and computational methods, by providing free journal access to 1,300+ institutions in 16 African & Asian countries. We are ecstatic to be involved with such a meaningful project and working with this phenomenal organization to make this happen. [Learn more.](#)

Be the First to Read *SIAM News*

The [November issue](#) of *SIAM News* Online is live! [Read about coastal ocean dynamics](#) and more, and stay on the pulse of research findings, events and trends in the mathematical sciences by [signing up for SIAM News Online alerts](#). That way, you'll be notified as soon as the newest issue become available, well before it hits your mailbox. [Visit SIAM News Online](#) and click the "sign up" button in the top right to get on the list.

::: PUBLISHING NEWS & NOTES :::

Reminder: Open Access Option for SIAM Journals

A friendly reminder from our Publications team to you, our devoted authors and readers: when a manuscript is accepted for publication, [SIAM journal](#) authors may opt to pay a one-time Article Processing Charge (APC) of \$2500, which places the full published version of the article in Open Access, freely available to all. This option is voluntary and is solely up to the author, who may have funding available to put to this use.

Authors who pay the APC fee must select the Open Access option on the Consent to Publish form, which is sent to the author immediately following the journal's acceptance. Doing so licenses SIAM to publish the work under the Creative Commons Attribution 4.0 International (CC BY) License, which permits authors and others to copy, distribute, transmit, and adapt the work, provided that proper credit is given. [Learn more.](#)

New SIAM Books

Variational Methods for the Numerical Solution of Nonlinear Elliptic Problems

Roland Glowinski

Variational Methods for the Numerical Solution of Nonlinear Elliptic Problems addresses computational methods that have proven efficient for the solution of a large variety of nonlinear elliptic problems. These methods can be applied to many problems in science and engineering, but this book focuses on their application to problems in continuum mechanics and physics. This book differs from others on the topic by:

- presenting examples of the power and versatility of operator-splitting methods;
- providing a detailed introduction to alternating direction methods of multipliers and their applicability to the solution of nonlinear (possibly non-smooth) problems from science and engineering; and
- showing that nonlinear least-squares methods, combined with operator-splitting and conjugate gradient algorithms, provide efficient tools for the solution of highly nonlinear problems.

[Learn more about this book.](#)

2015 / xvi + 429 pages / Softcover / ISBN: 978-1-611973-77-8 / List Price \$79.00 / SIAM Member Price \$55.30 / **Order Code CB86**

::: CONFERENCES & PRIZES :::

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. Interested in attending? The deadline for applications is 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](#) on the SIAM website.

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 Prize Nomination Deadlines

Nominations for many of the SIAM Major Prizes, as well as Activity Group Prizes, officially closed November 1. Keep an eye out in coming months for information on awardees, and in the meantime, consider nominating someone you know for one of our prizes that remain open (but not for long)!

[T. Brooke Benjamin Prize](#) – Deadline: December 31, 2015

[Martin Kruskal Prize \(SIAG/NWCS\)](#) – Deadline: December 31, 2015

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

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

Nominations for the 2016 Class of SIAM Fellows Now Closed

Thank you to everyone who made a nomination for SIAM's 2016 Class of Fellows! Nominations are now closed, and the Fellows Selection Committee will soon begin reviewing the submitted nominations. The names of inducted Fellows will be announced in March 2016, and new Fellows will be recognized at the Prizes and Awards Luncheon at the [2016 SIAM Annual Meeting](#). Learn more about the [SIAM Fellows Program](#).

New Way to Organize Posters: Minisymposium

In March, the [2015 SIAM Conference on Computational Science and Engineering](#) introduced an exciting new way to organize their posters, and you'll be seeing more of it in the future. Here's what you need to know: in addition to the general poster session, some posters were organized and presented within a session called a minisymposium. The talks are organized like a minisymposium of posters, with an organizer inviting contributed presentations in a poster format in an area consistent with the conference themes. Proposals for minisymposia will be accepted for the [2016 Annual Meeting](#) and the [Conference on the Life Sciences](#), both being held in July 2016 in Boston. More information about the meetings and the submissions deadlines can be found in the conference announcements below.

SIAM Conference Registrations & Submissions

[SIAM Conference on Analysis of Partial Differential Equations \(PD15\)](#), December 7-10, 2015, Scottsdale, Arizona, USA

Pre-registration deadline: Monday, November 9, 2015

[Pre-register now](#)

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

Student and Early-Career Travel Award Deadline Extended: November 30, 2015

[Apply for support](#)

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

Deadline for contributed lecture, poster and minisymposium presentation abstracts: December 15, 2015

NEW: When submitting contributed lectures or posters, speakers will be requested to identify to which minisymposium they are submitting. Accepted minisymposia will be posted online.

Details on how to submit can be [found here](#)

Student and Early-Career Travel Award Deadline: December 4, 2015

[Apply for support](#)

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

NEW Deadline for minisymposia proposals: ~~October 26, 2015~~ November 9, 2015

Deadline for contributed lecture, poster and minisymposium presentation abstracts: November 23, 2015

[Submit now](#)

Student and Early-Career Travel Award Deadline: November 13, 2015

[Apply for support](#)

[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, minisymposia, 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, minisymposia 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 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](#)

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

::: SIAM STUDENT CHAPTERS :::

We have welcomed a whopping 13 new student chapters to the SIAM family over the last three months. It's amazing to see young minds invested in broadening their academic experiences, and partnering with SIAM to do so. Interested in starting a chapter at your university? [Learn more](#) about all the great things SIAM student chapters do to push the envelope in the mathematical sciences, and how you can start

one this year.

Congratulations and welcome to:

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Ecole Polytechnic Federale de Lausanne, Switzerland
National Central University, Taiwan
National Cheng Kung University, Taiwan
SISSA, Italy (International School for Advanced Studies)
State University of New York at Buffalo
Temple University
Texas A&M University
University of Evansville, Indiana
University of Leuven, Belgium
University of Notre Dame
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