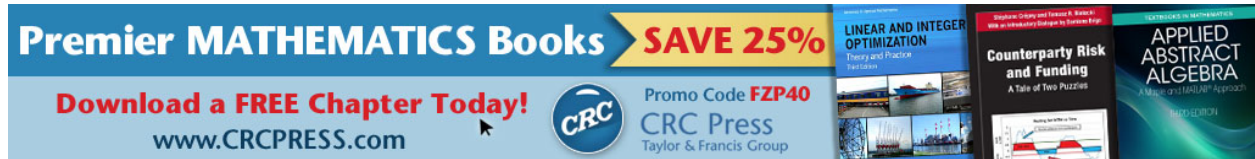


## SIAM Unwrapped – September 2015

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Dear SIAM members,

Are you an avid reader of SIAM News? Be the first to read the latest issue when it is publishes online!

Sign up to receive alerts as new issues are posted. Visit [sinews.siam.org](http://sinews.siam.org), and click on the “sign up” button on the top right to get on the list.

Regards,

Karthika Swamy Cohen

Editor

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::: **SIAM HQ UPDATE** :::  
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#### **Vote in the SIAM Elections!**

SIAM will elect three members to serve on the SIAM Board of Trustees and four members to serve on the SIAM Council this fall. Be sure to make your voice heard on who will make important decisions for the organization— by voting! Take a few minutes to read the candidate profiles and statements here: [http://www.siam.org/election/election\\_info.php](http://www.siam.org/election/election_info.php). On September 1, an e-mail message transmitted from the “SIAM Election Coordinator” ([support@votenet.com](mailto:support@votenet.com)) with your unique voting credentials and link to the voting site. To ensure such messages deliver to your inbox, you may wish to “white list” your spam filter to accept the above e-mail address ([support@votenet.com](mailto:support@votenet.com)). Questions regarding the election process can be directed to SIAM Executive Director James Crowley, c/o the SIAM Election Manager at [election@siam.org](mailto:election@siam.org).

#### **Nominate a colleague for the 2016 Class of SIAM Fellows**

Nominations for the 2016 Class of Fellows are being accepted through November 2! 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>.

Please note that the SIAM Council recently ratified some changes to the Fellows Program. Beginning with the 2016 round of nominations, the following changes are in effect:

1. A nominee must have been a SIAM member for 7 of the past 10 years (84 of the past 120 months).
2. A nomination must contain the support of three nominators, a citation of 20 words or less, a CV of no more than four pages, one letter of nomination (written by one or more of the nominators), and two letters of recommendation (written by people who are not nominators).
3. The letters of nomination and recommendation must be no longer than 2 pages.

Rollover nominations from prior years will remain viable for selection, but we encourage the nominators to update them to conform to the new guidelines.

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

services related to the goals of SIAM. Fellows will be announced in March and will be recognized at the [2016 Annual Meeting](#) in Boston.

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

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

## Updates from ICIAM

The [8<sup>th</sup> International Congress on Industrial and Applied Mathematics](#) (ICIAM 2015) held in Beijing last month was a resounding success, with over 3,400 attendees, and a stellar lineup of invited speaker sessions and minisymposia. Barbara Keyfitz (The Ohio State University), having completed a four-year term as President of the ICIAM Council will be retiring at the end of the year. Maria Esteban (CNRS and Université Paris-Dauphine) will take over as the new President. Sven Leyffer, former SIAM VP for Programs, was elected at the ICIAM Board meeting in Beijing to serve as the Secretary of ICIAM for a four-year term.

The next Congress will be held in Valencia, Spain in 2019.

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::: PUBLIC AWARENESS :::  
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## Videos from GS15 available to view

Watch videos on the [SIAM YouTube Channel](#) featuring invited speakers from the [SIAM Conference on Mathematical and Computational Issues in the Geosciences](#) (GS15), presenting topics on climate modeling, fluid flow, and seismic inverse problems. The GS15 meeting, held at Stanford University in May, was attended by nearly 500 mathematicians and geoscientists.

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::: PROFESSIONAL DEVELOPMENT :::  
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## Visit the SIAM Job Board

Are you looking to take the next step in your career? Have you visited the SIAM Job Board?

The SIAM Job Board has the most up-to-date job listings in the mathematical and computational sciences, including a current opening for an [applied mathematics program manager](#) at the Department of Energy. Have you checked it out?

SIAM's Careers page is a great resource not only for job seekers, but can also provide professional development advice, insights on career paths in the mathematical sciences, suggestions for acquiring internships, and tips from seasoned professionals. You can upload, edit and manage your resumé online.

Those interested can sign up for alerts and announcements and set up a personal account by going to the link below:

<http://jobs.siam.org/>

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::: PUBLISHING NEWS & NOTES :::  
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## **New SIAM Books**

### ***The Defocusing Nonlinear Schrödinger Equation: From Dark Solitons to Vortices and Vortex Rings***

Panayotis G. Kevrekidis, Dimitri J. Frantzeskakis, Ricardo Carretero-González

Bose–Einstein condensation is a phase transition in which a fraction of particles of a boson gas condenses into the same quantum state known as the Bose–Einstein condensate (BEC). The aim of this book is to present a wide array of findings in the realm of BECs and on the nonlinear Schrödinger-type models that arise therein. *The Defocusing Nonlinear Schrödinger Equation*

- is a broad study of nonlinear excitations in self-defocusing nonlinear media,
- summarizes state-of-the-art knowledge on the defocusing nonlinear Schrödinger-type models in a single volume, and
- contains a wealth of resources, including over 800 references to relevant articles and monographs and a meticulous index for ease of navigation.

Additional information: <http://bookstore.siam.org/ot143>

2015 / xii + 429 pages / Softcover / ISBN 978-1-611973-93-8 / List Price \$98.00 / SIAM Member Price \$68.60 / **Order Code OT143**

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::: UPDATES ON CONFERENCES & PRIZES :::  
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## **SIAM conference registrations & submissions**

[SIAM Conference on Geometric and Physical Modeling \(GDSPM15\)](#), October 12-14, 2015, Salt Lake City, Utah, USA

Pre-registration deadline: Monday, September 14, 2015 (TODAY!)

<https://www.siam.org/meetings/gdspm15/regform.php>

[SIAM Conference on Applied Linear Algebra \(LA15\)](#), October 26-30, 2015, Atlanta, Georgia, USA

Pre-registration deadline: Monday, September 28, 2015

<https://www.siam.org/meetings/la15/regform.php>

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

Deadline for minisymposia proposals: Extended to October 5, 2015

Deadline for contributed lecture, poster and minisymposium presentation abstracts: October 5, 2015

<http://www.siam.org/meetings/uq16/submissions.php>

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

Deadline for minisymposia proposals: September 15, 2015

Deadline for contributed lecture, poster and minisymposium presentation abstracts: October 13, 2015

<http://www.siam.org/meetings/pp16/submissions.php>

**[SIAM International Conference on Data Mining \(SDM16\)](#)**, May 5-7, 2016, Miami, Florida, USA

Deadline for paper abstract submission, workshop proposals, and tutorial proposals: October 9, 2015

Deadline for paper submission: October 16, 2015

<http://www.siam.org/meetings/sdm16/submissions.php>

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

Deadline for minisymposia proposals: October 8, 2015

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 by October 24.

For details on how to submit go to <http://www.siam.org/meetings/ms16/submissions.php>

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

Deadline for minisymposia proposals: October 26, 2015

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

<http://www.siam.org/meetings/is16/submissions.php>

**[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

### **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>

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