

## **SIAM Unwrapped**

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### **Volume 4, Issue 2, Summer 2009**

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*SIAM Unwrapped is a free electronic newsletter distributed quarterly to SIAM members. It provides links to industry news, membership information, meetings, publications, and other items of interest.*

Dear SIAM Member,

As you may have already heard, the 2009 SIAM Annual Meeting and the SIAM Conference on Control and Its Applications have been moved from the Sheraton Denver Downtown Hotel to the Colorado Convention Center. The move was made due to unscheduled construction at the Sheraton. Details are listed below in the Conference News & Notes section along with a link to the revised program, which shows the new meeting room assignments. Your reserved sleeping room at the Sheraton will not be affected by this change.

We apologize for the inconvenience; and we are doing our best to ensure that both conferences are successful.

Thanks,

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:: SIAM HQ UPDATE ::

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### **SIAM names 191 Fellows –**

The Society for Industrial and Applied Mathematics (SIAM) is pleased to announce the SIAM Fellows Class of 2009 and the inauguration of the SIAM Fellows Program. Fellowship is an honorific designation conferred on members distinguished for their outstanding contributions to the fields of applied mathematics and computational science. During this inaugural year of the program, SIAM conferred Fellows status on 191 noteworthy professionals who will be recognized during the 2009 SIAM Annual Meeting in Denver, Colorado. Read more here: <http://www.siam.org/about/news-siam.php?id=1545>

### **Members in China can now pay with local currency –**

Mathematicians and computational scientists in the People's Republic of China have interests aligned with the products and services offered by SIAM, but have had difficulty joining the U.S.-based society because it is not easy to pay for membership by credit card, by check, or in U.S. dollars. SIAM President Doug Arnold contacted Professor Qun Lin at the Academy of Mathematics and Systems in the Chinese Academy of Sciences in Beijing who agreed to work with SIAM to establish ways to allow prospective members to pay in local currency. Read more here: <http://www.siam.org/about/news-siam.php?id=1586>.

### **PhDs judge high school math contest –**

During an extensive judging process throughout March and April, 36 professional applied mathematicians read, evaluated, and debated the 389 solution papers submitted to Moody's Mega Math Challenge 2009, eventually eliminating all but the best papers. Nearly 400 teams of 11th and 12th graders responded to this year's problem, "\$787 Billion: Will the Stimulus Act Stimulate the U.S. Economy?" Moody's Mega Math Challenge is funded by The Moody's Foundation and organized by SIAM.

Read more here: <http://www.siam.org/about/news-siam.php?id=1542>

### **SIAG/FME elects new officers –**

The SIAM Activity Group on Financial Mathematics and Engineering recently held elections. Please join us in congratulating the newest officers:

- Jean-Pierre Fouque, Chair
- Thaleia Zariphopoulou, Vice Chair
- Kay Giesecke, Program Director
- Ronnie Sircar, Secretary

Their two-year terms were effective January 1, 2009 and will run through December 31, 2010.

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**::: INDUSTRY NEWS & NOTES :::**

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**SIAM updating Mathematics in Industry report -**

SIAM is currently conducting a project to update the 1996 SIAM Report on Mathematics in Industry. We are now designing a broader survey of scientists in industry engaged in mathematical or computational modeling. We are in the midst of a survey of new PhDs who have taken jobs in industry. In the next phase, we will be conducting visits to various industrial sites. If you have questions about or want to contribute to this project, contact SIAM's Technical Director, Bill Kolata, [kolata@siam.org](mailto:kolata@siam.org) or SIAM's Vice President for Industry, Jeffrey Saltzman, Merck & Co., [jeffrey\\_saltzman@merck.com](mailto:jeffrey_saltzman@merck.com).

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**::: GENERAL NEWS & NOTES :::**

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**2009 Abel Prize Awarded to Mikhail L. Gromov –**

The Norwegian Academy of Science and Letters has awarded the Abel Prize for 2009 to Russian-French mathematician Mikhail Leonidovich Gromov for "his revolutionary contributions to geometry." The Abel Prize recognizes contributions of extraordinary depth and influence to the mathematical sciences and has been awarded annually since 2003. Mikhail L. Gromov received the Abel Prize from His Majesty King Harald at an award ceremony in Oslo, Norway on May 19. Read more here: <http://www.abelprisen.no/en/>

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**::: PUBLISHING NEWS & NOTES :::**

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**Symmetry in Chaos" to be featured by Scientific American Book Club -**

"Symmetry in Chaos: A Search for Pattern in Mathematics, Art, and Nature, Second Edition" was chosen as an alternate selection for club members and will be featured in the club's August catalog. Written by University of Houston professor Michael Field and Ohio State University professor (and former SIAM President) Martin Golubitsky, the book is a richly illustrated blend of mathematics and art which addresses how the dynamics of complexity can produce familiar universal patterns. Read more here: <http://www.ec-securehost.com/SIAM/OT111.html>

**SIAM Journal on Financial Mathematics to launch in 2010 -**

Continuing to advance its mission to publish journals of high quality, relevance, and originality, the Society for Industrial and Applied Mathematics (SIAM) is pleased to announce that the SIAM Journal on Financial Mathematics (SIFIN) will launch in early 2010. SIFIN, which will feature continuous electronic publication, will serve as an essential resource for finance researchers and practitioners as it brings together theoretical developments in financial mathematics and breakthroughs in the computational challenges they encompass. Read more here: <http://www.siam.org/about/news-siam.php?id=1561>

## **e-books coming soon! –**

We don't need to tell you how popular e-books are becoming. While many people prefer to read a book in print, others like the ease of being able to access a book from their computer --- wherever and whenever they like. SIAM will be working with several key e-book platforms to make select titles available electronically to institutions. And further down the road, we also plan to approach Amazon about making them available to individual users via Kindle. More details will be forthcoming.

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## **::: CONFERENCE NEWS & NOTES :::**

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### **SIAM AN09/CT09 --- Conference relocation -**

In order to avoid an unacceptable meeting environment due to unscheduled construction at the Sheraton Denver Downtown Hotel, the 2009 SIAM Annual Meeting, July 6-10, and the 2009 SIAM Conference on Control and Its Applications, July 6-8, in Denver, Colorado, are being relocated to the Colorado Convention Center. Updated meeting room assignments will be posted online. Your reserved sleeping room at the Sheraton will not be affected by this change.

SIAM Annual Meeting: <http://meetings.siam.org/program.cfm?CONFCODE=AN09>

SIAM Conference on Control and Its Applications:  
<http://meetings.siam.org/program.cfm?CONFCODE=CT09>

### **ICIAM 2011 call for nominations -**

The International Council for Industrial and Applied Mathematics (ICIAM) Prize Committee for 2011 is calling for nominations for the five ICIAM Prizes to be awarded in 2011. Each ICIAM Prize has its own special features, while being truly international in character. Read more here: <http://www.iciam.org/council/PrizeNominations2011.pdf>

If you would like to keep abreast of developments in the submission process, program, or related information, take two minutes to register for alerts at  
[http://www.iciam2011.ca/?menu\\_id=243&page\\_id=243](http://www.iciam2011.ca/?menu_id=243&page_id=243)

### **Travel support for SIAM/ACM now available –**

Students are encouraged to apply for travel support to attend the 2009 SIAM/ACM Joint Conference on Geometric & Physical Modeling, October 5-8, 2009, Hilton San Francisco Financial District, San Francisco, California. Application deadline for these awards is August 10, 2009. To apply for travel support please visit:  
<http://www.siam.org/meetings/gdspm09/tsupport.php>

### **Travel support for SODA10 now available -**

Students are encouraged to attend the ACM-SIAM Symposium on Discrete Algorithms (SODA10), January 17-19, 2010, at the Hyatt Regency Austin in Austin, TX. The NSF has provided funding in the amount of \$15,000 to support student travel grants. The nominal award is \$500 toward travel to SODA10. In special cases of large travel costs, somewhat larger grants

may be given. Any full-time student in good standing who is affiliated with a U.S. institution is eligible to receive an award plus complimentary symposium registration. Application deadline for these awards is November 6, 2009. To apply for travel support please visit: <http://www.siam.org/meetings/da10/students.php> for details.

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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? Send them to [cleary@siam.org](mailto:cleary@siam.org)

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