

SIAM Unwrapped

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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,

The 2008 SIAM Election results are in! All candidates (winners and non-winners) were informed of the election results by SIAM President Cleve Moler. The Fellows referendum passed with 63.5% of voters showing their approval. This year 26.3% of eligible members cast their votes. According to one longtime SIAM staffer, that is the highest participation in any election since 1987.

Thank you to all those who voted and for your continued participation.

Greetings of the Season and Best Wishes for the New Year!

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::: SIAM HQ UPDATE :::

2008 SIAM Election and Fellows decision results -

The votes for the 2008 SIAM election have been tallied, and the following people were elected to serve three-year terms on the SIAM Board of Trustees and the SIAM Council.

SIAM Board of Trustees

- Iain Duff *
- Nicholas Higham *
- Mary Ann Horn

SIAM Council

- Michele Benzi
- Bruce Hendrickson
- Thomas Hou
- Henry Wolkowicz *

* Incumbent

The Fellows Referendum - The referendum passed with 63.5% of those voting approving it.

Careers in mathematics outside of academia –

SIAM has published its latest brochure on applied mathematics and computational science careers outside of academia. The updated 20-page publication includes information on emerging career fields, examples of companies and organizations that hire applied mathematicians and computational scientists, and profiles of professional working in these fields today. A free PDF version of the new brochure and a link- request for one free hardcopy can be found at <http://www.siam.org/careers/thinking.php>.

SIAM members: Join SEMA at reduced rates! –

SIAM has partnered with The Sociedad Española de Matemática Aplicada (SEMA) to provide reciprocal memberships to their members. SIAM members will now have the opportunity to join SEMA at reduced rates. A membership in SEMA offers you a direct link to news and information about applied mathematics and computational science in Spain. A SEMA membership includes a subscription to Boletín SEMA, a publication which contains review papers both in Spanish and in English, and news on the applied math scientific activity in Spain. SEMA members are also entitled to reduced rates at SEMA conferences.

If you are a member of SIAM, you can now become a reciprocal member of SEMA at the reduced rate of 15 euros for 2009. Download a reciprocal member application at <http://www.sema.org.es/inscripcion.php>

SIAM members: Join CAIMS/SCMAI at reduced rates! –

Expand your network! If you are a member of SIAM and live outside Canada, you can now become a reciprocal member of CAIMS/SCMAI for 30% less than the standard dues. For 2009, the CAIMS/SCMAI regular member dues of Can \$50 will be reduced to Can \$35 for SIAM members in good standing who reside outside Canada.

For membership benefits and a membership form, please visit <http://www.caims.ca/>.

2009 Moody's Mega Math (M3) Challenge is now underway –

Registration is open for Moody's Mega Math (M3) Challenge, an Internet-based applied mathematics contest open to high school juniors and seniors in all New England and Mid-Atlantic states, from Maine to Washington, D.C. Funded by The Moody's Foundation and organized by SIAM, the real-world math modeling competition will award scholarship prizes totaling \$80,000. Read more about the M3 Challenge at <http://m3challenge.siam.org>.

M3 Challenge requests submission of real-world math modeling problems –

Lee Seitelman and Ben Fusaro, organizers of problem development and judging for the M3 Challenge, welcome input from the SIAM community for modeling problems to be used in future contests. There is no surfeit of realistic modeling problems that can be studied, "solved," and documented in 14 hours by high school students, using only Internet resources and reference materials! A \$500 honorarium will be awarded to the author of any problem chosen for the contest.

Please go to <http://m3challenge.siam.org/problemidea/idea.php> to upload your problem for consideration. Or suggested problems can be sent to Seitelman (lseitelman@aol.com) or Michelle Montgomery (montgomery@siam.org).

::: PUBLISHING NEWS & NOTES :::

Fourth edition of Gilbert Strang's Introduction to Linear Algebra set to publish in February –

The fourth edition of Strang's classic book is expected to publish in February. Like all of Strang's previous titles, the new edition will be distributed worldwide by SIAM. Students using this text will now find challenge problems in addition to review problems. Introduction to Linear Algebra, 4th Edition, accompanies Strang's video lectures that are available on the MIT OpenCourseWare site <http://ocw.mit.edu>, where more than a million viewers have seen him explain the beauty of linear algebra and the importance of its applications.

"Green" solutions from visualizations of oil and gas reservoirs –

SIAM book author John Chen was recently awarded the Foundation CMG Chair in Reservoir Simulation. Chen's work on reservoir simulation helps predict the future performance of oil and gas fields and improve recovery methods in terms of efficiency and environmental impact. Read more at <http://www.ucalgary.ca/news/utoday/sept23-08/imaging>

::: CONFERENCE NEWS & NOTES :::

Lectures from 2008 SIAM Annual Meeting are now available on the web –

Many of the invited lectures and prize lectures from the 2008 SIAM Annual Meeting in San Diego have been captured and are available as slide shows with synchronized audio. PDF files of the slides are also available for printing. A link to the lectures can be found on the Conference "Archive and Future Meetings" pages at <http://www.siam.org/meetings/archives.php>.

Stuart Kauffman's lecture from 2008 SIAM Conference on Life Sciences now online –

Stuart Kauffman, of the Institute for Biocomplexity and Informatics, The University of Calgary, and The Santa Fe Institute presented a public lecture entitled "Reinventing the Sacred: Science, Faith and Complexity." The talk was related to his recently published book of the same title. A video of the presentation is now available on Google Video. A link to the talk can be found on the conference website at <http://www.siam.org/meetings/ls08/>.

The conference was organized by the SIAM Activity Group on Life Sciences. Support for the public lecture came from the Centre de Recherches Mathematiques (CRM), The Fields Institute, and Gene Network Sciences.

SIAM Conference on Computational Science and Engineering (CSE09), March 2-6 –

Registration is now open for CSE09 which will be held in Miami, Florida at the Miami Hilton Hotel, on March 2-6, 2009. Find complete details, including general meeting information, registration, the conference program, speaker index, and much more on the CSE09 webpage at <http://www.siam.org/meetings/cse09/>.

ICIAM 2011 - Easy sign up to keep informed of updates –

ICIAM 2011 - the next International Congress on Industrial and Applied Mathematics will be held July 18-22 in Vancouver, BC, Canada. 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

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