

SIAM Unwrapped

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

Dear SIAM Member,

In the Spring 2008 issue we asked our reader's to provide some feedback about Unwrapped. Thank you to those who responded. A summary of the survey results is now available at https://www.surveymonkey.com/sr.aspx?sm=DD7Z6AbdXhmgylsbZloGmSNiC5xsN2dC1_2f1EJC1e7ss_3d

As always, send us your news and stories. We love hearing from you!

Thank you!

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::: SIAM HQ UPDATE :::

*M3 Challenge 2008 - Winners announced –

In early March, over 1,200 high school juniors and seniors from lower New Hampshire to Wilmington, Delaware, participated in the Moody's Mega Math (M3) Challenge 2008 providing their solutions to the Challenge problem, "Energy Independence Meets the Law of Unintended Consequences." High Technology High School, which has had teams place in the top six the past two years, came away with the top award; its four team members will share \$20,000 in scholarship prizes. The Challenge is an internet-based applied mathematics competition that requires student teams to solve an open-ended,

realistic, challenging modeling problem focused on a real-world issue. The Challenge is funded entirely by The Moody's Foundation and is organized by SIAM.

Read more here: <http://m3challenge.siam.org/media/index.php?id=1322>

***Two University at Buffalo students win SIAM/MCM Award –**

Two University at Buffalo (UB) graduate students were awarded multiple prizes in the international 2008 Mathematical Contest in Modeling (MCM). The winning UB team of Amy Evans, from Rome, NY, and Tracy Stepien, from Camillus, NY, was one of nine teams to be selected for an Outstanding Winner award; they were also awarded the Ben Fusaro Award, named for the founder of the contest and long-time SIAM member. Read more here: <http://www.siam.org/about/news-siam.php?id=1346>

::: APPLIED MATH AND COMPUTATIONAL SCIENCE NEWS :::

***Report on challenges in applied math for DOE available –**

An independent panel, chaired by David Brown and consisting of prominent members in the U.S applied and computational math community, has issued a report on future challenges in applied mathematics for the Department of Energy. The panel considered the scientific and technical challenges DOE faces in the future, and developed a report outlining research areas for the applied mathematics community to meet these challenges. Read more here: <http://brownreport.siam.org/Wiki%20Pages/Home.aspx>

***IMU announces Citation Statistics report –**

On Wednesday, June 11, the International Mathematical Union (IMU) released the latest Citation Statistics report and announced findings on the use of citations in assessing scientific research from a mathematical perspective. The report was co-sponsored by the International Council on Industrial and Applied Mathematics (ICIAM) and the Institute of Mathematical Statistics (IMS). Read more here: <http://www.siam.org/about/news-siam.php?id=1344>

***Roadrunner achieved petaflop speeds -**

The new supercomputer, named Roadrunner, at Los Alamos National Laboratory, achieved petaflop speeds, according to recent reports. This achievement was noted in a New York Times article by John Markoff. Read more here: <http://www.siam.org/about/news-siam.php?id=1343>

::: MEMBERS IN THE NEWS :::

***Math could help cure leukemia -**

SIAM member Doron Levy, a University of Maryland associate professor of mathematics, along with Stanford Medical School physician and associate professor of medicine (hematology) Peter P. Lee, and Dr. Peter S. Kim, École Supérieure d'Électricité (Gif-sur-Yvette, France), have developed a mathematical model that predicts that anti-leukemia immune response in chronic myelogenous leukemia (CML) patients using the drug imatinib can be stimulated in a way that might provide a cure for the disease. Read more here: <http://www.sciencedaily.com/releases/2008/06/080619203247.htm>

::: CONFERENCE NEWS & NOTES :::

***Proposal for SIAM Fellows Program to be discussed at Annual Meeting –**

The SIAM business meeting at the SIAM Annual Meeting in San Diego will take the form of a town meeting. In addition to presentations on the state of SIAM, there will also be discussions on a special topic, the proposal to create a SIAM Fellows program. The SIAM Council and Board voted earlier this year that the determination for or against the proposal should be made by a vote of the entire SIAM membership on the fall ballot. The primary purpose of the town meeting will be to present the proposal and provide an opportunity for the membership to discuss it.

The Town Meeting and Networking Reception will be held on Tuesday, July 8, 2008 6:15 PM - 7:15 PM.

- View a copy of the proposal here:

<http://fellows.siam.org/wiki/Wiki%20Pages/The%20Proposal.aspx>

- View answers to a set of frequently asked questions here:

<http://fellows.siam.org/wiki/Wiki%20Pages/FAQ.aspx>

***Stylish Mathematics: The Arts and Math in Conjunction –**

Daniel N. Rockmore of Dartmouth College will discuss this exciting new Stylish Mathematics as the I. E. Block Community Lecturer during the annual meeting of the Society for Industrial and Applied Mathematics (SIAM). The Block Lecture will be held on Wednesday, July 9, at 6:15 p.m. in the Town and Country Room at the Town and Country Hotel & Resort in San Diego, California. Read more here:

<http://www.siam.org/about/news-siam.php?id=1354>

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

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