



Society for Industrial and Applied Mathematics Southeastern Atlantic Section (SIAM-SEAS)

Newsletter – Spring 2010

SIAM-SEAS was formed in 1977 to serve as a link among scientists, engineers, applied mathematicians and graduate students in the Southeast and with SIAM. The official geographical coverage is Alabama, Florida, Georgia, North Carolina, South Carolina and Tennessee, but membership is open to any interested SIAM member. The main activity of the SIAM-SEAS is its annual meeting which contains a full program of invited and contributed talks, including student presentations.

Topics

- Highlights of the 34th Annual SIAM-SEAS Conference
- Dues are due
- Election of Officers
- Information on 2011 and 2012 SIAM-SEAS Conferences

Highlights of the Spring 2010 SIAM-SEAS Meeting

The 34th SIAM-SEAS Annual Meeting was held at North Carolina State University in Raleigh, NC, the weekend of March 20-21, 2010. There were 114 presentations given on a wide range of topics. The full program can be viewed at the conference website

<http://www4.ncsu.edu/~scroggs/SIAMSEAS/>

The meeting attracted over 195 attendees from 17 states, the District of Columbia, and 3 foreign countries (Canada, Mexico, and The Netherlands). Our special thanks to the local organizing committee, Jeff Scroggs (Chair), Mansoor Haider, Mark Hoefer, Alun Lloyd, Negash Medhin, and Ralph Smith, for ensuring that the conference ran smoothly and was packed with presentations.

Other interesting notes:

- The plenary addresses were delivered by **Michael Berry** (University of Tennessee), **Mark Abowitz** (University of Colorado at Boulder), **Ronald Mickens** (Clark Atlanta University), and **Amy Langville** (College of Charleston).
- There were 12 minisymposia (7 of which had multiple sessions) and 8 contributed sessions.
- There were five posters presented by undergraduate researchers. In case you missed their work, here are their names and poster titles:
 - *Cards and Hamming Codes*, presented by Matthew Kiati Temba, a senior at Morehouse College.
 - *An Exponential Model for the Keeling Curve*, presented by Mitchell Dunn, a student at Christopher Newport University.
 - *Has the Housing Market Hit Bottom?*, presented by Emily Wisner and Kristen Gulledge, students at North Carolina State University.
 - *Modeling the Dynamics of Corporate Credit Ratings*, presented by Nicole J. Bader, Terri Johnson, Meghan R. Kent, and Jenna Rice, students at North Carolina State University and Meredith College
 - *Risky Business: The “Failures” of Risk Management*, presented by Christine Wu and Ryland Pigg, students at North Carolina State University

We were encouraged by the level of participation by undergraduate researchers at this meeting, and we hope to see more of them at future conferences. Viable research is increasingly an important part of an undergraduate education; the amount of effort spent on projects and the results obtained continue to be impressive. The students are to be commended not only for their work but for the presentation skills they demonstrated at the meeting.

- The graduate student paper prizes went to: **Michael Case** (Clemson University), **Zhu Wang** (Virginia Polytechnic Institute and State University), and **Song Yang** (North Carolina State University). Each student will receive \$100 in prize money.

Dues

The sectional dues are \$10 for the upcoming year. Please make your checks payable to SIAM-SEAS and mail them to:

Lea Jenkins
Department of Mathematical Sciences
Box 340975
Clemson University
Clemson, SC 29634-0975

We are trying to develop a mechanism for handling dues collection at the national level. The money is currently used to supplement the annual meeting, and, when available, to supplement student-based conferences in the section. If your group would like to request funds from the section, send your request, along with a budget justification, to Scott Kelly.

The national SIAM organization significantly underwrites our regional conference every year. In order to continue to receive funds for our conference, we need to show them that our section is active and is interested in promoting interactions between local colleges and universities. Our membership list is one way to do this. We currently have 22 dues-paying members; as a note, SIAM currently requires 25 members to initiate a new section. Please consider adding your name to the list.

Election of Officers

Candidate for Secretary/Treasurer/President-Elect: Patricio Vela

The ballot for election of new officers is posted on the website. Read the biographical information about Professor Vela and submit your vote today! Also, please consider nominating yourself or someone else to serve as an officer in future years. The job requirements are minimal, but we do need people to ensure that conferences are organized and information is communicated to the membership.

Spring Meeting for 2011, 2012, and 2013

Meeting sites have been determined for the Spring 2011 and Spring 2012 conferences. The 35th SIAM Southeast-Atlantic Section Conference is being hosted by the University of North Carolina at Charlotte, and the website is up! Visit

http://math.uncc.edu/~asopasak/siam-seas2011/Main_Page.html

for more information, including conference dates, deadlines for submission of abstracts and minisymposia proposals, and area hotels.

The Spring 2012 meeting will be held at the University of Alabama at Huntsville, and the Spring 2013 meeting is being hosted by Oak Ridge National Laboratory in Oak Ridge, Tennessee. If your institution is interesting in hosting a future meeting, please let us know.

Lea Jenkins, Past President, SIAM-SEAS (lea@clemsun.edu)

Scott David Kelly, President, SIAM-SEAS (scott.kelly@uncc.edu)