Students
Activities just for you
at the 2006 SIAM Annual Meeting in Boston

Student Day at the 2006 SIAM Annual Meeting is a day for students and about students. Organizers have got it all covered this year, with activities and sessions where students can meet with both peers and professionals in their field, participate in a career fair, attend an information session on hot areas for jobs and research, and network with SIAM Student Chapters from all over the world.

GOALS
Organized by the SIAM Education Committee (Chaired by **Bill Briggs**, University of Colorado at Denver), Student Day is designed to encourage student participation in SIAM, to help students learn more about applied mathematics and computational science as both fields of study and as careers, and to provide a forum for emerging mathematicians to learn about their field from the professionals who know the answers. Organizers also hope to encourage those in the learning community to establish new student chapters of SIAM and to promote interaction between students and SIAM leadership.

EVENTS AND HAPPENINGS
Student Day sessions include presentations by student chapter representatives and the winners of the SIAM Award in the Mathematical Contest in Modeling (MCM) and the SIAM Student Paper Prizes. In addition, students can attend plenary sessions from one of three SIAM conferences: Annual Meeting (AN06), Conference on Financial Mathematics and Engineering (FM06), or Conference on Analysis of Partial Differential Equations (PD06). The afternoon plenary session features the prestigious John von Neumann lecture, *Imaging in Random Media*, being delivered by George Papanicolaou of Stanford University. Student Day culminates with a poster and dessert reception at 8:00 p.m.

MEETING WITH LEADERS and INFLUENCING SIAM
Student Day 2006 will also feature the *Student Chapter Meeting with SIAM Leadership*. This meeting gives faculty advisors and student chapter representatives the opportunity to meet with key decision makers to discuss ideas for improving student chapters and ways that SIAM can meet the needs of current and future student members all over the world. Each chapter selects one student to attend the event as its chapter representative.

FINDING JOBS FOR YOU
Monday, July 10, features events to help you find a job and develop your career. An industry panel organized by SIAM Vice President for Industry, **Kirk Jordan** of IBM, will offer insights into what it's like to work in industry. The panel will be followed by a Career Fair and a reception for industry representatives and graduate students. The Career Fair provides students the opportunity to interact with prospective employers from government and industry who are specifically interested in SIAM's unique community. Find out what prospective employers are looking for and what each has to offer. A Career Fair student guide is available at *www.siam.org/meetings/an06/stuguide.php*. You might also be interested in attending the Association for Women in Mathematics (AWM) workshop for graduate students and recent PhDs on "Staying on Top of Your Game in Research and Teaching."

RESERVATIONS
If you plan to attend Student Day or the SIAM Annual Meeting, be sure to reserve your room at the Boston Park Plaza Hotel and Towers, which has a limited number of rooms available at special rates for students. The deadline to make hotel reservations is Wednesday, June 7, 2006. Since reduced rate student rooms often sell out prior to the deadline, we recommend that you make your reservations early!

REGISTER
Students can register for the 2006 SIAM Annual Meeting July 10 -14 in Boston for the reduced rate of $75. Student Day is included.

STUDENT DAY SCHEDULE
Tuesday, July 11, 2006

7:00 AM - 8:30 AM	**Student Chapter meeting with SIAM Leadership**
8:30 AM - 9:15 AM	AN06 plenary session – *Direct Methods for Sparse Linear Systems: The MATLAB Sparse Backslash*, **Tim Davis,** University of Florida
	FM06 plenary session – *Monte Carlo Greeks, Old and New*, **Paul Glasserman**, Columbia University
	PD06 plenary session - *Critical Thresholds in Eulerian Dynamics,* **Eitan Tadmor**, University of Maryland
9:15 AM - 10:00 AM	AN06 plenary session - *Computer Simulation as a Tool for Exploring Cytoskeletal Dynamics*, **Garry Odell**, University of Washington
	FM06 plenary session - *Analytical Tools of Energy Risk Management,* **Alexander Eydeland**, Morgan Stanley
	PD06 plenary session - *Energy-Driven Pattern Formation,* **Robert V. Kohn**, Courant Institute of Mathematical Sciences, New York University
10:00 AM - 10:30 AM	Coffee break
10:30 AM - 12:30 PM	**SIAM Student Chapter Presentations**
	Organizer: **Bill Briggs**, University of Colorado at Denver
	Talk title to be announced, **Teresa Laudadio**, Istituto per le Applicazioni del Calcolo, Consiglio Nazionale delle Ricerche, Italy
	Highly Accurate Prediction of mRNA Polyadenylation Sites Using a Support Vector Machine, **Yiming Cheng,** New Jersey Institute of Technology
	A Condition Estimate for Pseudo-Arclength Continuation, **Kelly Dickson**, North Carolina State University
	Shape Analysis Using Spherical Harmonic Transform Applied to Surface Conformal Mapping, **Boris Gutman**, University of California Los Angeles
	*Adaptive Local Refinement***, Josh Nolting**, University of Colorado at Boulder *Talk title to be announced*, **Shweta Bansal**, University of Texas at Austin
12:30 PM - 2:30 PM	Prizes and Awards Luncheon
2:30 PM - 3:30 PM	The John von Neumann Lecture: *Imaging in Random Media*, **George C. Papanicolaou**, Stanford University

3:30 PM - 4:00 PM Coffee break

4:00 PM - 5:00 PM **SIAM/MCM Award winners presentations**

Sprinkle, Sprinkle, Little Yard, **Brian Camley, Pascal Getreuer, Bradley Klingenberg**, University of Colorado at Boulder

Profit-Maximizing Allocation of Wheelchairs in a Multi-Concourse Airport, **Benjamin Conlee, Neal Gupta, Christopher Yetter**, Harvard University

5:00 PM - 6:00 PM **SIAM Student Paper Prize winners presentations**

The Curvelet Representation of Wave Propagators is Optimally Sparse, **Laurent Demanet**, California Institute of Technology

Pseudorandom Bits for Constant Depth Circuits with Few Arbitrary Symmetric Gates, **Emanuele Viola**, Harvard University

A New Active Set Algorithm for Box Constrained Optimization, **Hongchao Zhang**, University of Florida

8:00 PM - 10:00 PM Joint Poster Session (AN06, AWM, FM06, PD06) and Dessert Reception

NEW THIS YEAR!

A Student Guide to the SIAM Career Fair

www.siam.org/meetings/an06/stuguide.php