Join SIAM in Denver

www.siam.org/meetings/an09

2009 SIAM Annual Meeting
July 6-10

Invited Presentations

Plenary Speakers
- Heinz-Otto Kreiss, KTH Stockholm, Sweden
- Karl Kunisch*, University of Graz, Austria
- Ulisses Mello, IBM Research
* Joint speaker with the 2009 SIAM Conference on Control and Its Applications

Topical Speakers
- Alberto Bressan, Pennsylvania State University
- Russell E. Caflisch, University of California, Los Angeles
- Stephen Coombes, University of Nottingham, United Kingdom
- Michael C. Ferris, University of Wisconsin
- Wen-mei Hwu, University of Illinois at Urbana-Champaign
- Ioannis Karatzas, Columbia University
- Charles E. Leiserson, Cilk Arts and Massachusetts Institute of Technology
- Luis Curtmola McNees, Argonne National Laboratory
- Juan C. Meza, Lawrence Berkeley National Laboratory
- Lior Pachter, University of California at Berkeley
- Robert L. Pego, Carnegie Mellon University
- Cynthia A. Phillips, Sandia National Laboratories
- Shang-Hua Teng, Boston University

Special Lectures
- Monday, July 6, 2:45 – 3:30 PM
  AWM-SIAM Sonia Kovalevsky Lecture
- Tuesday, July 7, 2:30 – 3:30 PM
  The John von Neumann Lecture
- Wednesday, July 8, 3:00 – 3:30 PM
  W. T. and Idalia Reid Prize in Mathematics Lecture
- Wednesday, July 8, 2:00 – 2:45 PM
  SIAM Past President’s Address
- Thursday, July 9, 3:00 – 3:30 PM
  Theodore von Kármán Prize Lecture
- Friday, July 10, 3:00 – 3:30 PM
  James H. Wilkinson Prize in Numerical Analysis and Scientific Computing Lecture

Community Lecture
- Wednesday, July 8, 8:15 – 7:15 PM
  E. Block Community Lecture
Andrew W. Lo, Massachusetts Institute of Technology
Harris & Harris Group Professor and Director, MIT Laboratory for Financial Engineering (LFE)

Panel Discussions

Organizing Committee
- Mihai Anitescu, Argonne National Laboratory
- Andrew Conn, IBM T. J. Watson Research Center
- Lenore Cowen, Tufts University
- William McEneaney, University of California, San Diego
- Esmond Ng, Lawrence Berkeley National Laboratory
- Donald Estep, Colorado State University
- Lor Freitag-Diachen (co-chair), Lawrence Livermore National Laboratory
- Padma Raghavan, Pennsylvania State University
- Jonathan Rubin, University at Pittsburgh
- Björn Sandstede, University of Surrey, United Kingdom
- Rob Schreiber, Hewlett Packard
- Tao Tang, Hong Kong Baptist University, Hong Kong
- Andy Walshen (co-chair), University of Oxford, United Kingdom
- Thaleia Zariphopoulou, University of Texas, Austin

Prizes and Awards Luncheon

The following prizes and awards will be presented at the prizes and awards luncheon on Tuesday, July 7, 12:30 – 2:00 PM.

- I. E. Block Community Lecture
- Theodore von Kármán Prize Lecture
- AWM-SIAM Sonia Kovalevsky Lecture
- W. T. and Idalia Reid Prize in Mathematics Lecture
- The John von Neumann Lecture
- James H. Wilkinson Prize in Numerical Analysis and Scientific Computing Lecture
- Ralph E. Kleinman Prize
- SIAM Prize for Distinguished Service
- SIAM Outstanding Paper Prize
- SIAM Award in the Mathematical Contest in Modeling
- SIAM Student Paper Prizes

Exhibits

The 2009 SIAM Annual Meeting is being held in conjunction with the SIAM Conference on Control & Its Applications.

Sponsored by the SIAM Activity Group on Control & Systems Theory

www.siam.org/meetings/ci09

HOTEL INFORMATION
Sheraton Denver Downtown Hotel
950 Court Place
Denver, Colorado 80202
Phone: +1-303-893-3333
Fax: +1-303-626-2542
Reservations: 888-625-5144 (US and Canada)
www.sheratondenverhotel.com

Hotel Reservation Deadline
Monday, June 8, 2009
(or until the room block is sold out)
www.siam.org/meetings/an09/hotel.php

Single/Double $179 per night (plus taxes)

Student Rate* $127 per night (plus taxes)
* Student ID must be presented upon check-in. SIAM is able to negotiate a limited number of special student rate rooms. Please book early as these rooms sell out quickly!

www.siam.org/meetings/ct09

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- Robert L. Pego, Carnegie Mellon University
- Cynthia A. Phillips, Sandia National Laboratories
- Shang-Hua Teng, Boston University
- Xuan Zeng, Fudan University, Shanghai, China

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  SIAM Past President’s Address
  Cleve Moler, The Math/Works
  Parallelism Over The Ages
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Students—
Activities just for you at the
2009 SIAM Annual Meeting in Denver

Student Days at the 2009 SIAM Annual Meeting are days for students and about students. Organizers have got it all covered this year, with activities and sessions in which 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 members of SIAM Student Chapters from all over the world.

GOALS
Organized by the SIAM Education Committee (chaired by Peter Turner, Clarkson University), Student Days are 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 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 Days will include presentations by student chapter representatives, an opportunity for undergraduates to submit posters for the AN09 poster session, and presentations by the winners of the SIAM Award in the Mathematical Contest in Modeling (MCM) and the SIAM Student Paper Prizes.

NEW in 2009 – Participants in the Computational Science Training for Undergraduates in the Mathematical Sciences (CSUMS) will present their work.

MEETING WITH LEADERS and INFLUENCING SIAM
Student Days 2009 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 representative.

FINDING JOBS FOR YOU!
The career fair on Monday, July 6, at 7:15 PM will provide students with the opportunity to interact with prospective employers from government and industry who are specifically interested in hiring graduates in applied and computational mathematics. Students can register for the 2009 SIAM Annual Meeting being held July 6–10 in Denver for the reduced rate of $100. Student Days are included.

DEVELOPING SKILLS
“Professional Development Evening” Thursday, July 9, 6:15 – 9:15 pm.
Organized by Daniel M. Dunlavy, Sandia National Labs
Suzanne Shontz, Pennsylvania State University

ASSOCIATION for WOMEN in MATHEMATICS (AWM) WORKSHOP
www.siam.org/meetings/an09/awmworkshops.html
The Workshop for Women Graduate Students and Recent Ph.Ds is held in conjunction with the SIAM Annual Meeting.

GRADUATE STUDENT WORKSHOP on DIVERSITY
Wednesday, July 8, 2009
This annual event provides a chance for students to listen to technical talks presented by minority graduate students. The workshop is intended to accomplish several goals:
• To send a clear, explicit message of enthusiastic welcome and support from SIAM to members of underrepresented groups. The workshop is deliberately held as part of a regular SIAM meeting so that the participants can combine the experiences of attending a regular scientific meeting and a special occasion dedicated to them.
• To bring together a mixture of people from different levels of age and professional experience, ranging from undergraduate students to senior scientists.
• To provide an opportunity for minority graduate students to present their research.
• To provide an informal, comfortable setting (a lunch) where all the students can meet applied and computational mathematicians with a wide variety of jobs in academia, national laboratories, industry, and government.

CASH PRIZES!
Undergraduate students – present your research poster at AN09
Undergraduates are invited to participate in the poster session at the 2009 SIAM Annual Meeting. Submissions should be sent to SIAM at AN09@siam.org by Monday, April 20, 2009. Cash prizes will be awarded to the three best posters demonstrating research done by undergraduates in applied and computational mathematics.

REGISTRATION
Register online at www.siam.org/meetings/an09/reginfo.php
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STUDENT DAYS SCHEDULE
Tuesday, July 8, 2009
7:00 – 8:15 AM  Student Chapter meeting with SIAM Leadership
AN09 and CT09 invited speaker sessions
10:00 – 10:30 AM  SIAM Student Chapter Presentations
Organizer: Peter Turner, Clarkson University
• Nonlinear Stochastic Models of Interpersonal and Romantic Relationships and Strange Attractors
  Alhaji Cherif, Arizona State University
• Talk title to be announced
  Adrian Haimovich, Columbia University
• Analysis of asymmetric stable droplets in a fish patterninng model
  Thomas E. Woolley, Oxford University, UK
To be announced
Aaron Brown, Tufts University
• Line Soliton Solutions of the KP Equation
  Tim Lewko, University of Colorado at Colorado Springs
Talk title to be announced
Dmytro Yershov, University of Illinois at Urbana-Champaign
Prizes and Awards Luncheon
John von Neumann Lecture
Coffee break
SIAM/MCM Award winners presentations
SIAM Student Paper Prize winners presentations
Joint Poster Session (AN09, AWM, CT09) and Dessert/Reception, including an undergraduate poster competition offering prizes for the three best posters demonstrating research done by undergraduates in applied and computational mathematics.

Wednesday, July 8, 2009
10:30 AM – 12:30 PM  CSUMS presentations
4:00 – 6:00 PM  CSUMS presentations

www.siam.org/ meetings/an09/stuguide.php