

ABOUT  
SIAM<sup>®</sup>

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS

# What is SIAM?

The Society for Industrial and Applied Mathematics (SIAM) is a leading international organization comprised of students and professionals whose primary interest is in mathematics and computational science and their applications.



# SIAM's Mission

- Advance research and applications of mathematics and computational science
- Foster communication among mathematicians, engineers, and scientists
- Build community in applied mathematics and computational science
- Support the next generation studying and working in these areas

# Major Mechanisms

- Publication of journals and books
- Organization of conferences
- Prize program to recognize excellence
- Student activities: student chapters, SIURO,
- MCM, M3 Challenge, prizes, career info, . . .
- Activity groups
- Advocacy and outreach to government, industry, and the public

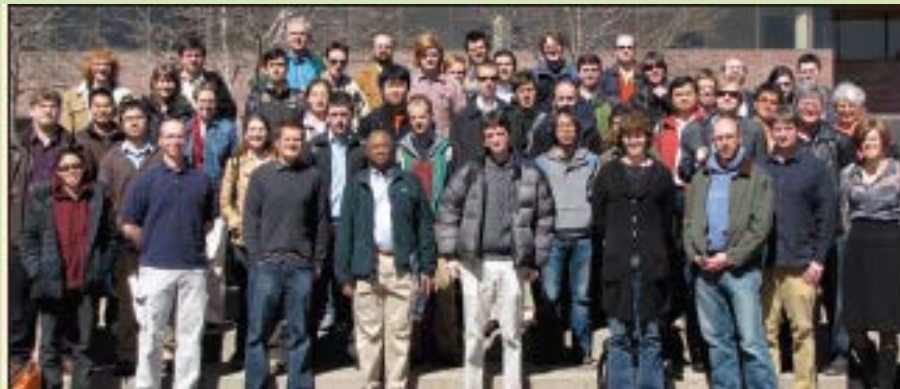


# Member Benefits

- *SIAM News*
- *SIAM Review*
- *SIAM Unwrapped*
- 80%-95% journal discount
- 30% book discount
- 20%-30% conference discount
- Participate in SIAM governance
- Eligible to serve on SIAM committees
- Join SIAM Activity Groups
- Nominate 2 students for free membership
- CML - combined membership directory
- Eligible to be nominated as or to nominate a SIAM Fellow
- Eligible to enroll in group insurance programs

# SIAM Activity Groups (SIAGs)

SIAM Activity Groups (SIAGs) provide a more focused forum for SIAM members interested in exploring one of the areas of applied mathematics, computational science, or applications.



To join a SIAG visit:

<http://www.siam.org/activity/>

## List of SIAM Activity Groups (SIAGs)

- Algebraic Geometry
- Analysis of Partial Differential Equations
- Applied Mathematics Education
- Computational Science and Engineering
- Control and Systems Theory
- Data Mining and Analytics
- Discrete Mathematics
- Dynamical Systems
- Financial Mathematics and Engineering
- Geometric Design
- Geosciences
- Imaging Science
- Life Sciences
- Linear Algebra
- Mathematical Aspects of Materials Science
- Nonlinear Waves and Coherent Structures
- Optimization
- Orthogonal Polynomials and Special Functions
- Supercomputing
- Uncertainty Quantification

# ***SIAM News***

the newsjournal of the applied mathematics community!

- technical overview articles written by experts in a wide range of disciplines
- reports of progress and breakthroughs in research
- commentaries on the issues -- political, ethical, educational, and scientific -- that affect the mathematical sciences community
- news about legislation and funding issues, people, and university programs
- comprehensive calendar of events
- professional opportunity advertisements from all over the world





# ***SIAM Journals***

- Multiscale Modeling and Simulation
- SIAM/ASA Journal On Uncertainty Quantification
- SIAM Journal on Applied Dynamical Systems
- SIAM Journal on Applied Mathematics
- SIAM Journal on Computing
- SIAM Journal on Control and Optimization
- SIAM Journal on Discrete Mathematics
- SIAM Journal on Financial Mathematics
- SIAM Journal on Imaging Sciences
- SIAM Journal on Mathematical Analysis
- SIAM Journal on Matrix Analysis and Applications
- SIAM Journal on Numerical Analysis
- SIAM Journal on Optimization
- SIAM Journal on Scientific Computing
- SIAM Review
- Theory of Probability and Its Applications

# SIAM Books

The mission of SIAM's book program is to make relevant research results accessible to industry and science and to promote the interaction between mathematics and other disciplines such as engineering, science, and computing.

**siam**e-books [Now available!](#)

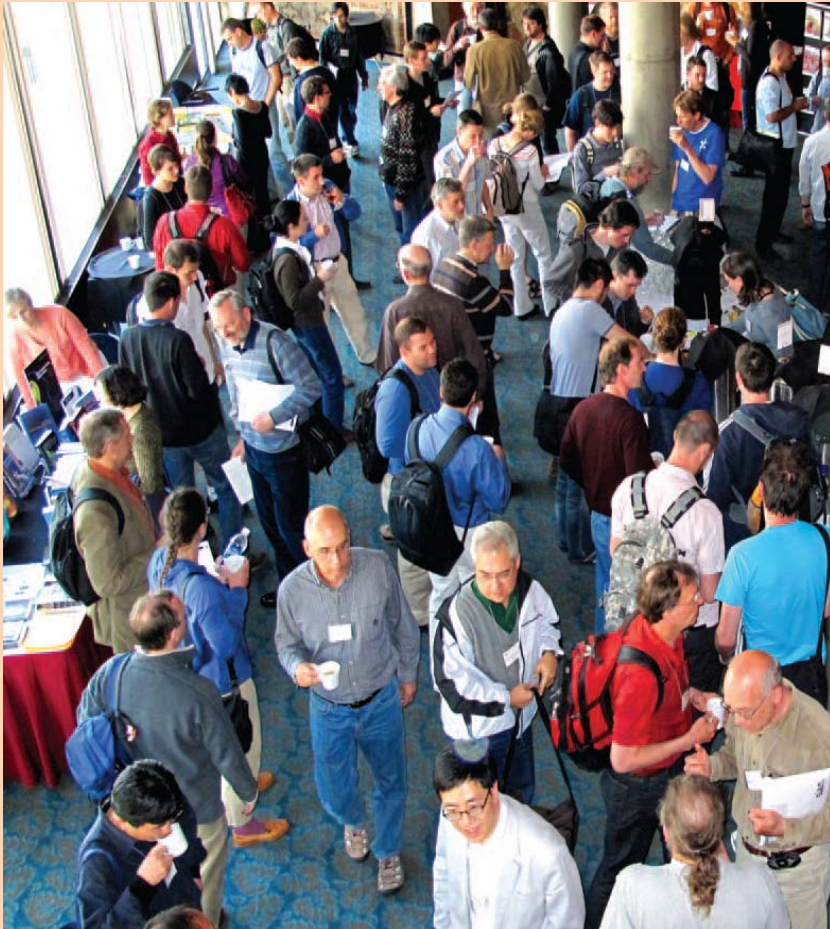


# SIAM Conferences

- 8 to 12 SIAM conferences held each year
- Some conferences are held jointly with societies outside US
- Roughly 25% of participation by students
- Web page for proposing a conference in conjunction with SIAM
- [SIAM Annual Meetings](#) provide a broad view of applied mathematics and computational science



# Join SIAM



- Stay current
- Advance your career
- Create a stronger community
- Networking opportunities
- Student resources
- Discounts on journals and books

**JOIN ONLINE:**

[www.siam.org/joinsiam](http://www.siam.org/joinsiam)