SIAM is a leading international organization of professionals and students whose primary interest is in mathematics and computational science and their applications. SIAM’s mission is to advance and raise awareness about applied math and related fields through its books, journals, conferences, online resources, and a variety of programs and initiatives.

Incorporated in 1952 as a non-profit organization, SIAM has worked toward the following goals for more than 60 years:
• to advance the application of mathematics and computational science to engineering, industry, science, and society;
• to promote research that will lead to effective new mathematical and computational methods and techniques for science, engineering, industry, and society;
• to provide media for the exchange of information and ideas among mathematicians, engineers, and scientists.

As an international society of more than 14,000 individual members, SIAM represents applied and computational mathematicians, computer scientists, engineers, physicists, and other scientists. Members include researchers, educators, practitioners, and students from more than 100 countries working in industry, laboratories, government, and academia. In addition, SIAM has about 500 corporate and academic institutional members.

SIAM serves this diverse group of professionals through:
• Membership
• Publications
• Conferences
• Career development
• Activity groups
• Student resources
• Prizes and recognition
• Public awareness

Applied mathematics and computational science have become essential tools in the advancement of science and technology. Innovative mathematical and computational techniques have become prevalent in areas such as the biological sciences, climatology, combustion and emission control, data science, finance and economics, information technology, and medicine. SIAM’s constant and continuous role in fostering cooperation between the mathematics community and science and technology through its many programs is essential to the continued growth of these fields.

WAYS TO GET INVOLVED
SIAM SECTIONS
www.siam.org/sections

SIAM encourages the formation of sections comprised of members residing in a defined geographic area. Sections organize their own lectures, meetings, and other activities that serve members in their region. Some sections choose to include nearby student chapters in their activities.

United States
Central States Section – The recently established SIAM Central States Section serves members residing in Arkansas, Colorado, Iowa, Kansas, Mississippi, Missouri, Nebraska, and Oklahoma. One of its goals is to expand the influence of SIAM in the central states.

Great Lakes Section – GLSIAM draws members from Michigan, northern Ohio, northern Indiana, southern Ontario, and surrounding areas. The section focuses on industrial problems and promotes participation of members employed in industry while maintaining strong ties with the academic community.

Southeastern Atlantic Section – SIAM-SEAS sponsors an annual meeting for members residing in Alabama, Florida, Georgia, North Carolina, South Carolina, and Tennessee.

Washington-Baltimore Section – The SIAM Washington-Baltimore Section promotes the interests of applied mathematicians in academia, industry, and government in the Washington, D.C., and Baltimore, Maryland, metropolitan areas. The section regularly hosts dinners followed by an expository lecture.

Outside the United States
Argentina Section – AR-SIAM hosts an annual conference, promoting applied math and computer science in Argentina.

Bulgaria Section – BCSIAM hosts an annual meeting, fostering applied math and related fields in Bulgaria.

Colombia Section – COSIAM furthers the application of mathematics to industry and science in Colombia.

East Asia Section – EASIAM promotes the application of mathematics to science, engineering, and technology in East and Southeast Asia and sponsors an annual conference.

United Kingdom and Republic of Ireland Section – UKIE SIAM sponsors an annual meeting and several student prizes, advancing applied math in the region.

STUDENT CHAPTERS
www.siam.org/students/chapters

SIAM student chapters promote applied mathematics and computational science to young mathematicians and scientists. SIAM encourages interdisciplinary participation by involving many departments at college and university campuses. Chapters provide students with opportunities to get to know faculty members outside of the classroom, share ideas and research with people with similar interests, learn about career options, and develop networks with professors and fellow students.

Student chapter activities often include professional development opportunities; guest lecturers; research presentations by faculty, graduate students, and undergraduates; team projects; social functions; outreach activities; and field trips to industrial laboratories or SIAM section meetings.

A current list of SIAM student chapters can be found at www.siam.org/students/chapters/current.php.

SIAM ACTIVITY GROUPS (SIAGS)
www.siam.org/activity

Activity groups provide opportunities for SIAM members to communicate with colleagues and stay current in specialized disciplines or application areas. SIAG members organize conferences and minisymposia, distribute newsletters and electronic communications, maintain websites and wikis, and award prizes. SIAG members receive targeted communication from peers, access to electronic membership directories, and additional discounts on SIAG-sponsored conferences.

Algebraic Geometry
Jan Draisma, Chair

Analysis of Partial Differential Equations
Helena Nussenzveig Lopes, Chair

Applied Mathematics Education
Peter Turner, Chair

Computational Science and Engineering
Luis Campus Mctines, Chair

Control and Systems Theory
George Yin, Chair

Data Mining and Analytics
Zoran Obradovic, Chair

Discrete Mathematics
Doug West, Chair

Dynamical Systems
Timothy Sauer, Chair

Financial Mathematics and Engineering
Michael Ludkovski, Chair

Geometric Design
Elaine Cohen, Chair

Geosciences
Carol Woodward, Chair

Imaging Science
Nadki Saiz, Chair

Life Sciences
Richard Bertram, Chair

Linear Algebra
Danny C. Sorensen, Chair

Mathematical Aspects of Materials Science
Qiang Du, Chair

Nonlinear Waves and Coherent Structures
Thomas Bridges, Chair

Optimization
Juan Meza, Chair

Orthogonal Polynomials and Special Functions
Walter Van Assche, Chair

Supercomputing
Ali Pinar, Chair

Uncertainty Quantification
Andrew Stuart, Chair

NEW!

Public Awareness
Prizes and Recognition
Student Resources

Education

www.siam.org/activity

www.siam.org/students/chapters

www.siam.org/sections

www.siam.org/students/chapters
MEMBERS

**INDIVIDUAL MEMBERS**

[www.siam.org/membership/individual](http://www.siam.org/membership/individual)

Individual members enjoy the following benefits:

- Networking opportunities with peers
- Career resources
- Access to cutting-edge research
- Subscriptions to SIAM News, SIAM Review, and SIAM Unwrapped
- Discounts on print and electronic journal content and archives
- Discounts on SIAM books, conferences and workshops
- Eligibility to hold office and serve on SIAM committees
- Eligibility to nominate or be nominated as a SIAM Fellow
- Opportunity to join SIAM activity groups to explore common interests and exchange ideas with peers
- Eligibility to vote in SIAM elections (paid memberships)
- Ability to nominate two students for free SIAM membership (non-student members)
- Opportunity to enroll in group insurance plan
- Inclusion in membership directory

Residents of the People’s Republic of China can join through a representative in Beijing and pay in local currency RMB yuan at [www.siam.org/membership/individual/china](http://www.siam.org/membership/individual/china).

**STUDENT MEMBERS**

[www.siam.org/membership/individual/free.php](http://www.siam.org/membership/individual/free.php)

Full-time students can join SIAM for free if they:

- attend a SIAM academic member institution,
- are a member of a SIAM student chapter, or
- are nominated by a non-student member of SIAM.

Student members receive two free activity group memberships.

ACADEMIC MEMBERS

[www.siam.org/membership/academic](http://www.siam.org/membership/academic)

Academic membership is available to degree-granting institutions. Colleges, universities, and their departmental units receive a selection of SIAM journals that match their needs, as well as discounts on the purchase of SIAM books.

Complimentary student memberships are available to full-time students who attend an institution that is an academic member of SIAM. Additional information on academic membership, including a list of nearly 500 SIAM institutional members, can be found on the SIAM website.

To apply for academic membership, go to [www.siam.org/membership/join.php](http://www.siam.org/membership/join.php).

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**WHAT MEMBERS SAY ABOUT SIAM**

"SIAM will continue to play a leading role in fostering collaborations between all users of mathematics, from students to teachers to professional scientists, because of the exceptional quality of its conferences and publications."

— Rene Carmona, Princeton University

"SIAM has been my professional home for nearly three decades. Its community has welcomed, mentored and prepared me by providing scientific and leadership opportunities. Learning the importance of community and commitment to the profession has been a most important lesson."

— Carlos Castillo-Chavez, Arizona State University

"SIAM is the representative society for all of us in applications oriented mathematics. As SIAM has grown, its structures and activities have evolved. Much of the direct membership involvement now occurs through the SIAGs (SIAM Activity Groups), through regional and international sections, and through student chapters. These activities and structures have served us very well."

— Pamela Cook, University of Delaware, SIAM President

"SIAM is a broad community with interests in the most recent trends in applied and industrial mathematics, managed by high level professionals. SIAM conferences are a universal reference for world-wide scientists—big events, well organized, and ready to incorporate trends and needs coming from academia and industry. SIAM embodies...a deep and keen view and perspective on the future."

— Gianluigi Rozza, International School for Advanced Studies, Trieste, Italy

**CORPORATE/INSTITUTIONAL MEMBERS, AFFILIATES, SPONSORS, AND PARTNERS**


Corporate/institutional membership is offered to non-degree granting institutions that value SIAM for its resources and research support.

SIAM Corporate membership addresses a full-range of corporate/institutional research demands, including discounted subscriptions to SIAM’s prestigious journals (print and electronic), reduced prices on exhibiting at SIAM meetings, discounts on book purchases, employee discounts at conferences, and public acknowledgement of members’ support in SIAM publications and at SIAM conferences.

SIAM Affiliates are those who want more flexibility in choosing a set of journals. Affiliates receive a discount on journals and can subscribe to any number of journals, print or electronic. They also receive discounts on all book purchases.

SIAM Partners have a business relationship with SIAM and receive discounts on advertising and exhibiting.

SIAM Sponsors are organizations that wish to contribute to SIAM (either with a general donation or one earmarked for a particular activity) without receiving any subscriptions or discounts in return.

**Corporate/Institutional Members**

The Aerospace Corporation
Air Force Office of Scientific Research
Aramco Services Company
AT&T Laboratories - Research
Bechtel Marine Propulsion Laboratory
The Boeing Company
CEA-DAM
Department of National Defence (DND/CSEC)
DSTO- Defence Science and Technology Organisation
ExxonMobil Upstream Research
Hewlett-Packard
IBM Corporation
IDA Center for Communications Research, La Jolla
IDA Center for Communications Research, Princeton
Institute for Computational and Experimental Research in Mathematics (ICERM)
Institute for Defense Analyses, Center for Computing Sciences
Lawrence Berkeley National Laboratory
Lockheed Martin
Los Alamos National Laboratory
Mathematical Sciences Research Institute
Max-Planck-Institute for Dynamics of Complex Technical Systems
Mentor Graphics
National Institute of Standards and Technology (NIST)
National Security Agency (DHS/NSA)
Oak Ridge National Laboratory, managed by UT-Battelle for the Department of Energy
Sandia National Laboratories
Schlumberger-Doll Research
Tech X Corporation
U.S. Army Corps of Engineers, Engineer Research and Development Center
United States Department of Energy
A sophisticated search interface, including the ability to search over both Locus (archival) and SIAM Journals Online content at the same time, helps users find what they need in one reference manager types.

SIAM has a comprehensive publishing program in applied and computational mathematics. Each journal has its own access basis.

Available as a one-time purchase or on an annual subscription. Users can download article full text for every SIAM journal article published from each journal’s inception through 1996.

SIAM’s online journal archive contains electronic full text for every SIAM journal article published from each journal’s inception through 1996. Available as a one-time purchase or on an annual access basis.
INDUSTRY CONNECTIONS
SIAM has developed programs to bring into focus the importance of the many real problems facing government and industry and to stimulate interest in the mathematical and computational methodologies that apply. One such program is Mathematics in Industry, a study of the industrial environment for applied and computational mathematicians that resulted in recommendations for improving graduate education to match the needs of industry. The U.S. National Science Foundation (NSF) funded a SIAM proposal to update this report, which became available in 2012. You can find both the 2012 and 1996 reports at www.siam.org/reports.

ADVOCACY
A champion for applied mathematics and computational science on the national and international level, SIAM has its own voice in Washington, D.C., and speaks on behalf of its members to key congressional representatives, agencies, and other organizations to promote research funding and development of science policy in these important areas of research. To further these purposes, SIAM is a member of various advocacy organizations such as the Coalition for National Science Funding, which advocates on behalf of the National Science Foundation, the Computing Research Association, and the Joint Policy Board for Mathematics.

SIAM promotes an understanding of the applications of mathematics both in daily life and in the advanced sciences by sharing news stories through social networks such as Facebook and Twitter.

SIAM is a founding member of the International Council on Industrial and Applied Mathematics (ICIAM), which promotes industrial and applied mathematics to a global audience through the quadrennial International Congress on Industrial and Applied Mathematics (ICIAM).

VISITING LECTURER PROGRAM
www.siam.org/visiting
SIAM’s Visiting Lecturer Program (VLP) offers a valuable resource to chairpersons, colloquium organizers, student chapters, and undergraduate/graduate advisors: a roster of applied mathematicians in academia, industry, and government who are able to speak to students and faculty on a variety of topics. The visitors are experienced lecturers who, in addition to their accomplishments in applied mathematics, have been recommended for their commitment to education and their ability to reach students. Most VLP topics can be adapted to different audiences.

PRIZES AND RECOGNITION
www.siam.org/prizes

SIAM FELLOWS PROGRAM
Established in 2003, the SIAM Fellows program recognizes members of the society who have made outstanding contributions to fields served by SIAM.

SIAM PRIZE PROGRAM
SIAM conducts an extensive prize program to recognize outstanding applied mathematicians and computational scientists. Prize recipients are individuals and teams, students, junior researchers, accomplished lecturers, and distinguished scientists. Prizes are awarded for individual papers, research contributions, lifetime achievement, and service to the mathematical sciences community. More than a dozen plenary lectures and award-winning papers are presented at SIAM conferences as part of the prize program.

Major Prizes and Special Lectures
Sponsored by SIAM:
• The John von Neumann Lecture
• I. E. Block Community Lecture
• Julian Cole Lectureship
• Germund Dahlquist Prize
• Richard C. DiPrima Prize
• Ralph E. Kleinman Prize
• George Pólya Prize in Combinatorics
• George Pólya Prize for Mathematical Exposition
• George Pólya Prize in Mathematics
• W. T. and Idalia Reid Prize in Mathematics
• SIAM Outstanding Paper Prizes
• SIAM Prize for Distinguished Service to the Profession
• SIAM John Kárman Prize
• SIAM James H. Wilkinson Prize in Numerical Analysis and Scientific Computing
• SIAM’s Panasonic Prize (with IMS)

Co-sponsored with other societies:
• George David Birkhoff Prize (with AMS)
• SIAM/ACM Prize in Computational Science and Engineering
• George B. Dantzig Prize (with MOS)
• Peter Henrici Prize (with ETH Zurich)
PUBLIC AWARENESS
www.siam.org/publicawareness

SIAM works with its members, the media, institutions, academia, corporations, students, other scientific societies, and the public to advance as well as raise awareness about the applications of mathematics and computational science in engineering, industry, science, and society.

SIAM seeks to further educate and enlighten students, aspiring mathematicians, and the general public about the real-world relevance of mathematics through:

SIAM CONNECT
connect.siam.org
Interactive web page covering the latest news and information in the field

NUGGETS
connect.siam.org/category/siamnuggets
Brief articles explaining computational science research for the general public

MATH MATTERS, APPLY IT!
www.siam.org/careers/matters
Colorful, downloadable flyers featuring real-world uses of math with some available in Spanish

SIAM BLOGS
blogs.siam.org
Conversations about issues and topics of relevance to the mathematical sciences community, such as state-of-the-art research, science policy decisions, funding sources, professional development resources, math and science education.

WHY DO MATH
whydomath.org
Engaging multimedia illustrations of math in everyday life

SOCIAL MEDIA
facebook.com/SIAMconnect
twitter.com/SIAMconnect
youtube.com/user/SIAMConnects
https://plus.google.com/+SIAMConnect

MOODY’S MEGA MATH CHALLENGE®
M3Challenge.siam.org

A partnership between The Moody’s Foundation (funding source) and SIAM (organizer), Moody’s Mega Math (M3) Challenge is an Internet-based, applied math competition for high school students. This free contest is currently open in the U.S. to juniors and seniors in 45 states and Washington, D.C., who must work in teams of three to five to solve an open-ended, applied math-modeling problem focused on a realistic issue—in 14 hours. Scholarships currently totaling $125,000 toward the pursuit of higher education are awarded annually to the top teams. The real-world focus of the competition introduces students to applied math as a powerful problem-solving tool and, potentially, as a viable and exciting profession, communicating the value of applied mathematics to society. Many SIAM members serve as judges for this contest.

SIAM OFFICERS
www.siam.org/about/board
The most up-to-date list of SIAM officers and board and council members can be viewed on the SIAM website.

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SIAM COMMITTEES
SIAM has several committees that work to promote SIAM’s missions and to fulfill specific objectives of the Society. SIAM also appoints representatives to national and joint committees. SIAM encourages diverse participation and seeks appointments from the entire SIAM membership. More information is available at www.siam.org/about/committees.php.

SIAM STAFF
www.siam.org/about/more/staff
More than 70 full- and part-time employees work at SIAM in Philadelphia. Staff are accessible by email at (last name)@siam.org.
A list of SIAM staff by department is available at www.siam.org/about/more/staff.php.

MY.SIAM.ORG
Transact your SIAM business online—it’s quick, secure, and easy! Join SIAM, subscribe to publications, register for conferences, and update your member information or customer profile.