



SIAM STUDENT CHAPTERS

www.siam.org/students/chapters





SIAM Student Chapters
encourage the promotion of
applied mathematics and
computational science to
Students, *especially, but not limited to,*
graduate students.



105 SIAM STUDENT CHAPTERS (24 outside US)



Why form a chapter?



- share ideas
- learn about career opportunities
- develop networks with faculty and fellow students
- Collaborate with other chapters





Who participates in chapters?

Interdisciplinary students and
faculty members

Mathematical sciences

Statistics

Computer science

Engineering

Economics

Physics

Other sciences

What are the benefits of forming a chapter?

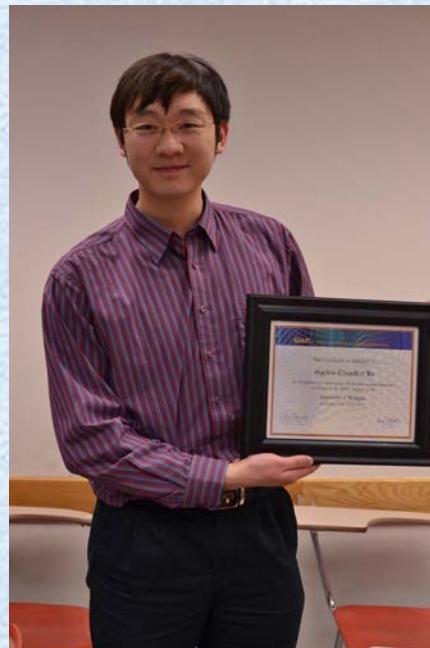


- Free SIAM membership
- Funding for local activities
- Worldwide visibility as a SIAM Chapter
- Networking
- Opportunities for collaboration
- Participation in SIAM Annual Meetings
- Leadership opportunities



CHAPTERS RECEIVE RECOGNITION

SIAM Student Chapter Certificates of Recognition are awarded to students for exceptional service to the chapter





What do chapters do?

The activities of student chapters are diverse

- Workshops
- Guest speakers
- Field trips
- Social functions
- Team projects
- Research symposia
- Local and regional conferences
- Participate in SIAM Annual Meetings
- Opportunities to represent SIAM at local science festivals

WORKSHOPS



1.



2.



3.



1. Student presents his work at the Charles University in Prague chapter **bi-weekly PhD Seminar**.
2. University of Pittsburgh chapter **website workshop**.
3. California State Fresno chapter **Annual Integration Bee**

GUEST SPEAKERS



1. Karel Janecek lectured at the Charles University in Prague Chapter about the use of high-speed computing to automatically generate market or limit orders based on incoming information.
2. SIAM President Nick Trefethen (L) meets with the Chinese Academy of Sciences Chapter of SIAM students.
3. Lars Langemyr of COMSOL visits Uppsala University Chapter.

FIELD TRIPS



1. Colorado State Chapter visited Google in Boulder, Colorado.
2. Trier Chapter visited the AIRBUS factory in Hamburg, Germany.
3. Oxford Chapter visited Bletchley Park, home of the British code breaking activities during the 2nd World War.
4. N Florida Chapter toured the Air National Guard base and were briefed in the newest developments in defense aerospace engineering.



SOCIAL FUNCTIONS



HEIDELBERG CHAPTER BARBECUE



PURDUE CHAPTER DINNER



MINNESOTA CHAPTER PICNIC



ILLINOIS INST. OF TECH. CHAPTER PICNIC

LOCAL CONFERENCES



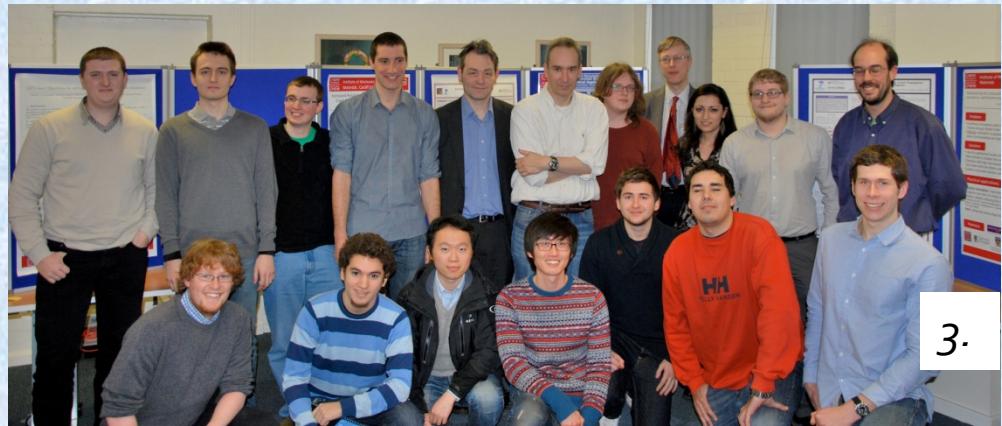
1.



2.



1. MIT chapter co-sponsored the **2nd Annual Student Symposium in Computational Science and Engineering**.
2. **GMU-SIAM 3rd Annual Faculty Research Symposium** organized by George Mason Chapter
3. **1st Annual SIAM Chapter Day** held at University of Cardiff chapter.



3.

REGIONAL CONFERENCES



1. **3rd Mid-Atlantic Student Conference** at Shippensburg University (*Chapters Delaware, Pittsburgh, University of Maryland-Baltimore County, George Mason, Penn State, Shippensburg*)
2. **8th annual 2012 Front Range Applied Math Student Conference** at UC Denver (*Chapters Boulder, Colorado Springs, Denver, Colorado State, Colorado School of Mines*)
3. **2012 SIAM National Student Chapter Conference** at the University of Manchester (*Chapters in the UK – Manchester, Oxford, Reading, Cardiff, Bath, Warwick, Edinburgh, Strathclyde*)

SIAM ANNUAL MEETINGS



Each chapter may select one student representative to attend the SIAM Annual Meeting. Reps will meet SIAM leadership and students from other chapters, may present research, and may help run the meeting. Financial support is provided.

REPRESENT SIAM



George Mason and Shippensburg chapters represented SIAM in the 2012 USA Science and Engineering Festival in Washington, DC



Chapters volunteer to represent SIAM at science festivals with organizations like the Museum of Mathematics (MoMath) to demonstrate hands-on learning tools.

How do you form a chapter?

It's easy! Everything you need is at:

www.siam.org/students/chapters/start.php



- Send a letter of intent accompanied by a petition signed by 12 regular or student members of SIAM from any institution, including at least 2 faculty members from your institution.

TO FORM A CHAPTER AT YOUR SCHOOL



- www.siam.org/students/chapters/start.php

For more information, contact:

- Membership Manager
Susan Whitehouse whitehouse@siam.org
- Membership Coordinator
Nancy Snell snell@siam.org



University of Texas Pan American Chapter hosts “Pi + Epsilon Day”.



While in China, SIAM President Nick Trefethen (center) visited with the Chinese Academy of Sciences Student Chapter of SIAM.



Ruby Fu, formerly from the Clarkson University SIAM chapter and the President of Clarkson University with their SIAM Tee's!



The University of Houston Chapter of SIAM raises the roof!



Heidelberg University SIAM Chapter Officers – (from left) Holger Diedam, Kathrin Hatz, Andreas Sommer, Dennis Janka and Dorte Beigel.



SIAM President Nick Trefethen (R) with students at the SIAM National Student Chapter Conference (SNSCC) at the University of Manchester.



The Charles University in Prague SIAM Student Chapter



Participants of the Parameter Estimation Workshop organized by the Heidelberg Chapter of SIAM and the Hanoi University of Science and Technology in Hanoi, Vietnam.



The Colorado State University Chapter in front of the Google Climbing Wall in Boulder Colorado.



The University of Texas Pan American Chapter enjoys a lecture/presentation.



SIAM's National University of Singapore Chapter members
Yongyog Cai (L) and Chao Ding (R).

University of
Maryland,
Baltimore County
SIAM Chapter
members gear up
for a guest lecture
series at their
chapter conference.





03/06/2010

Georgia Institute of Technology Chapter members listen to a guest speaker.



Middle East Technical University Chapter Advisor Kostyantyn Zehtukhin awards certificates and books to the four finalists in the 2012 SIAM Research Competition.



Embry-Riddle Aeronautical University Chapter members attended SIAM's Physical and Geometric Conference in Orlando, Florida.



The Stevens Institute of Technology Chapter at the “De-Compress BBQ” held annually before finals.



Dr. Hong Zhang presents a Career Seminar discussion to the Illinois Institute of Technology SIAM chapter.



A delegation of SIAM Student Chapter of Trier members attending the opening ceremony of the Heidelberg Chapter of SIAM, both chapters in Germany.