



Society for Industrial and Applied Mathematics

Figure: H. Osinga and B. Krauskopf

## SIAM Business Meeting

July 13, 2010

*There shall be at least one annual business meeting of SIAM.*

— SIAM Bylaws, Article IX

# SIAM's mission

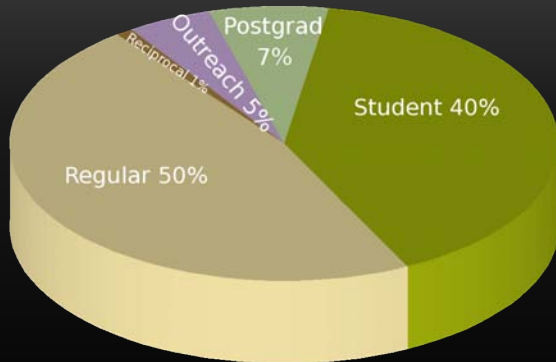
- Advance research and applications of mathematics and computational science
- Foster communication among mathematicians, engineers, and scientists
- Build community in applied mathematics and computational science
- Support the next generation studying and working in these areas

# Major mechanisms

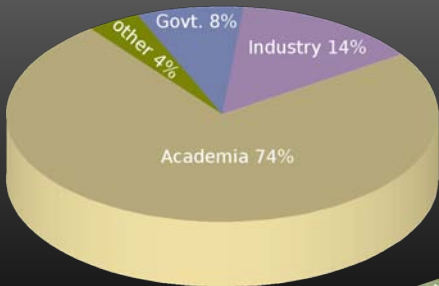
- **Publication** of journals and books
- **Organization of conferences**
- **Prize program** to recognize excellence
- **Student activities:** student chapters, SIURO, MCM, M<sup>3</sup> Challenge, prizes, career info, . . .
- **Activity groups**
- **Advocacy and outreach** to government, industry, and the public

# The SIAM Membership

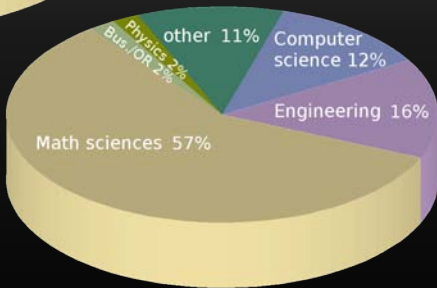
13,162 members at the end of 2009  
(up 6.5%)



# SIAM non-student membership employment



*Employer type*



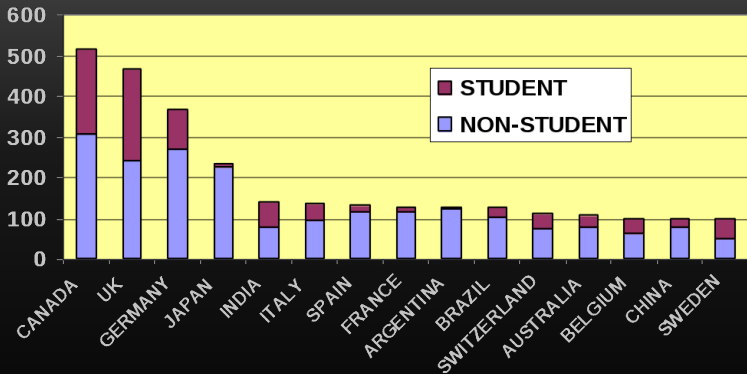
*Academic department*

# SIAM membership: gender and nationality

	non-student	student	total
male	88%	78%	84%
female	12%	22%	16% (up 1%)
U.S.	63%	78%	69%
foreign	37%	22%	31%

# SIAM foreign membership by country

Members come from 93 countries (up 3).



# SIAGs, sections, reciprocity, student chapters

- 17 SIAGS (up 1) with membership ranging from 85 to over 2,000; new: Algebraic Geometry; proposed: Uncertainty Quantification
- 8 regional sections, four in U.S. and four abroad
- reciprocity with 9 foreign societies (up 2: Israel, Scotland) and AWM (new!)
- 80 student chapters (up 13), 10 abroad



# SIAM Publications

- 14 journals (new: Financial Mathematics)
- 3,550 submissions in 2009, a record, probably will be exceeded in 2010
- Time from acceptance to publication 2.8 months, cut in half since 2007
- Backlogs down
- CrossCheck now used to detect plagiarized submissions
- E-books on the way
- About 15 new book titles in 2009
- SIAM taking a lead in maintaining publishing integrity

# SIAM Conferences

- 10 SIAM conferences held in 2009, and 10 planned for 2010
- 2 conferences held jointly with societies outside US
- Roughly 25% of participation by students
- Web page for proposing a conference in conjunction with SIAM
- ICIAM replaces SIAM meeting in 2011: Vancouver 7/18-22

# ICIAM 2011



Seventh International Congress  
on Industrial and Applied Mathematics

July 18–22, 2011  
Vancouver, British Columbia, Canada

[www.iciam2011.com](http://www.iciam2011.com)

Organized by CAIMS/MITACS/SIAM



Canadian Applied and Industrial  
Mathematics Society



MITACS

Mathematics of Information  
Technology and Complex Systems

**siam**.

Society for Industrial  
and Applied Mathematics

**SAVE the DATE!**

# Prize program

- SIAM awards 38 prizes, ranging from annual to every four years.
- 13 awarded by SIAGs (up 3, and growing)
- 4 student prizes
- 8 given jointly with other organizations

In 2010, SIAM Fellows were selected from nominations for the first time.

- 34 fellows were named.
- Nominations not selected remain active for 2 years.
- Nonacademic, non-US, and female members were underrepresented in the nominations.
- Next nomination deadline: November 1, 2010.

# Governance

- **Officers:** Pres., Past Pres., VP at Large, VP for Publications/Programs/Education/Industry/Science Policy, Secretary, Treasurer
- **2010–11 VP at Large:** Nick Higham  
**2011–12 President:** Nick Trefethen
- **SIAM Council:** formulates and monitors scientific activities, 14 + 9 ex officio
- **Board of Trustees:** responsible for the management of SIAM, 11 + 2 ex officio
- **Committees:** Nominating, Committees and Appointments, Sections, Diversity, Education, Major Awards, Membership, Program, Publications, Science Policy, . . .
- **SIAM Staff:** about 70 people under the Executive Director

## ABOUT SIAM >

### Suggestions

SIAM welcomes your suggestions. You can fill out online forms to leave suggestions in the following areas:

- Submit [suggestions](#) for Officers, Board, or Council  
For more info on Officers, Board, or Council, see [Officers, Board and Council](#).
- Submit [suggestions](#) for General SIAM Committees and the SIAM Representatives to National and Joint Committees.  
For more info on committees, see [Committees](#).
- Submit nominations for SIAM prizes. For more info on prizes, see [Nominations](#).
- To suggest that your internship program be listed on our [Internship and Career](#) webpage, go [here](#).
- To suggest that your scholarships and/or fellowship be listed on our [Fellowship & Research Opportunities](#) webpage, go [here](#).
- To refer a colleague to join SIAM, go [here](#).
- To nominate a student for complimentary SIAM membership, go [here](#).

To make a suggestion about *anything* else SIAM, go to our [suggestion box](#).

## In This Section

[About SIAM](#)

[Officers, Board](#)

[Committees](#)

[More About SIAM](#)

[News of SIAM](#)

[Science Policy](#)

[General Interest](#)

[Bylaws & Regulations](#)

[Site Map](#)

[Privacy Policy](#)

[Suggestions](#)