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, $M^3$ Challenge, prizes, career info, . . .
- **Activity groups**
- **Advocacy and outreach** to government, industry, and the public
13,162 members at the end of 2009 (up 6.5%)
SIAM non-student membership employment

**Employer type**
- Academia: 74%
- Industry: 14%
- Govt.: 8%
- Other: 4%

**Academic department**
- Math sciences: 57%
- Engineering: 16%
- Computer science: 12%
- Bus./OR: 2%
- Physics: 2%
- Other: 11%
<table>
<thead>
<tr>
<th></th>
<th>non-student</th>
<th>student</th>
<th>total</th>
</tr>
</thead>
<tbody>
<tr>
<td>male</td>
<td>88%</td>
<td>78%</td>
<td>84%</td>
</tr>
<tr>
<td>female</td>
<td>12%</td>
<td>22%</td>
<td>16% (up 1%)</td>
</tr>
<tr>
<td>U.S.</td>
<td>63%</td>
<td>78%</td>
<td>69%</td>
</tr>
<tr>
<td>foreign</td>
<td>37%</td>
<td>22%</td>
<td>31%</td>
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</tbody>
</table>
Members come from 93 countries (up 3).
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
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
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.