



# Business Meeting

July 2012

Minneapolis

# SIAM

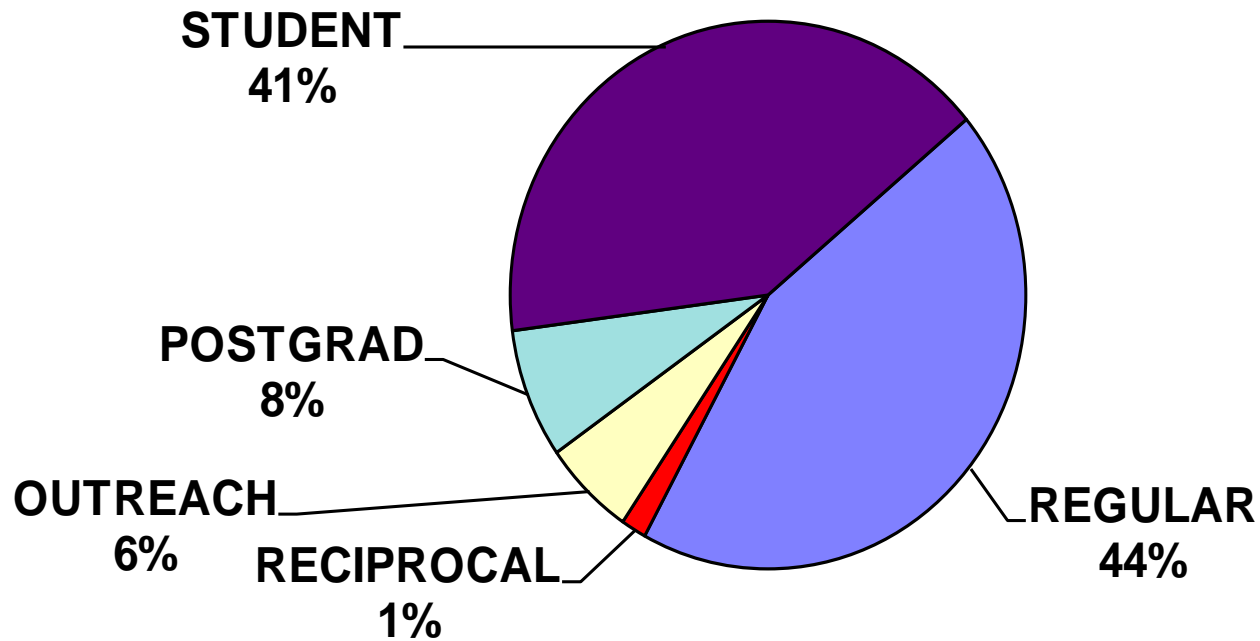
- Membership
- Journals
- Activity Groups
- Conferences
- Regional Sections
- Student Chapters
- Officers
- Elections for new Board and Council members

# Membership

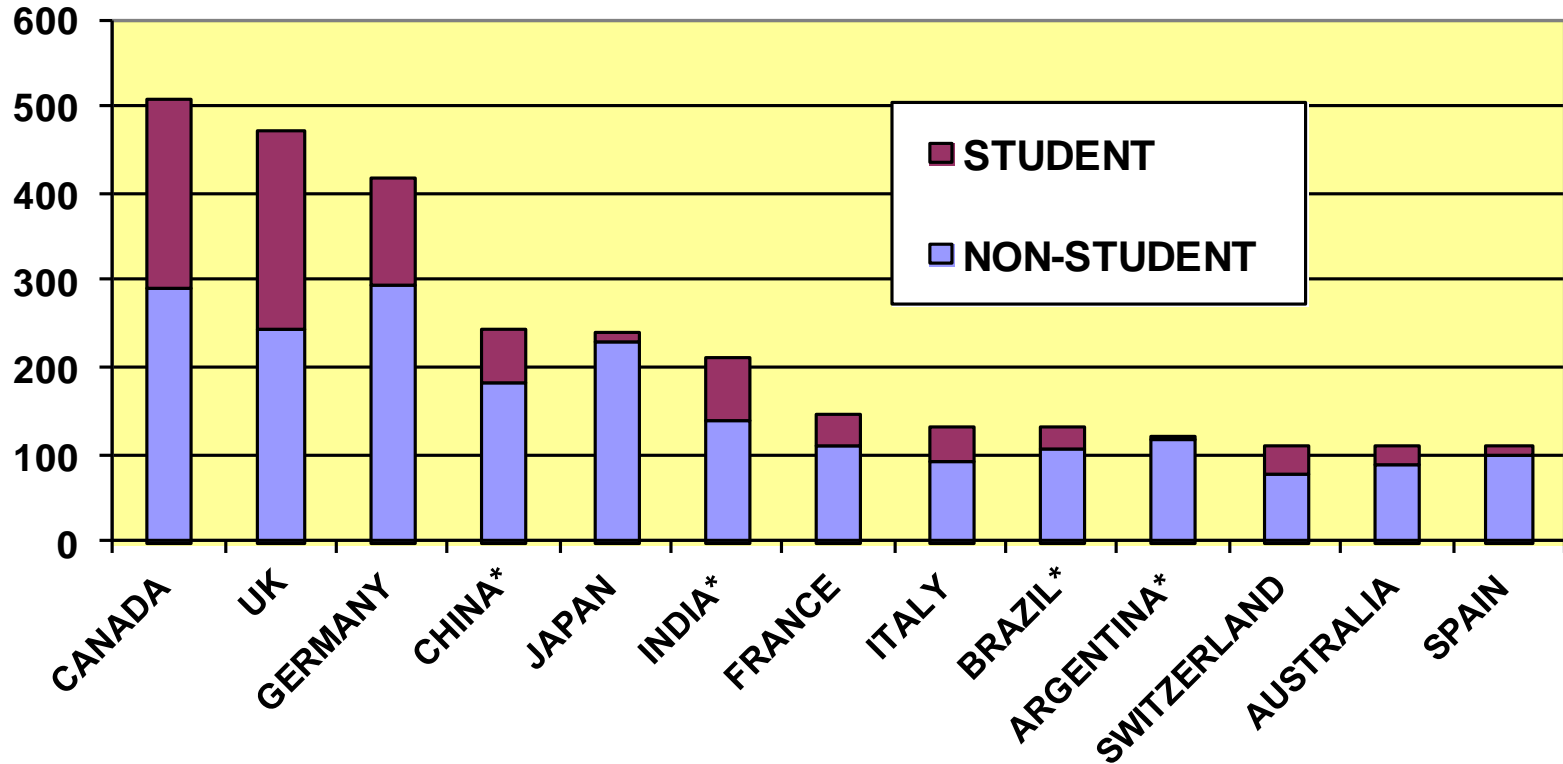
SIAM is a strong and vibrant community of applied mathematicians and computational scientists.

# We are...

14,000+ members

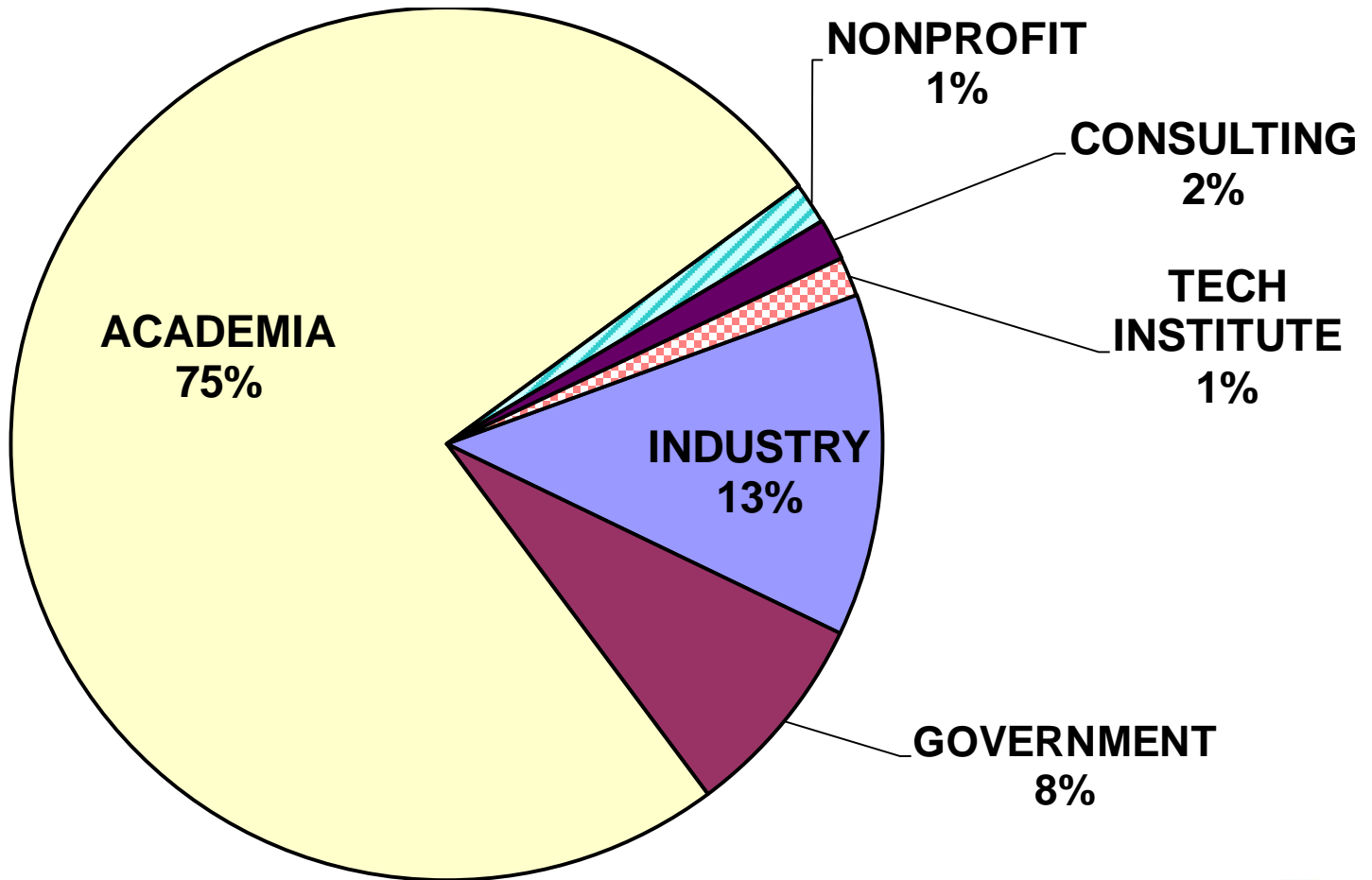


# 32% of SIAM Members Live Outside USA

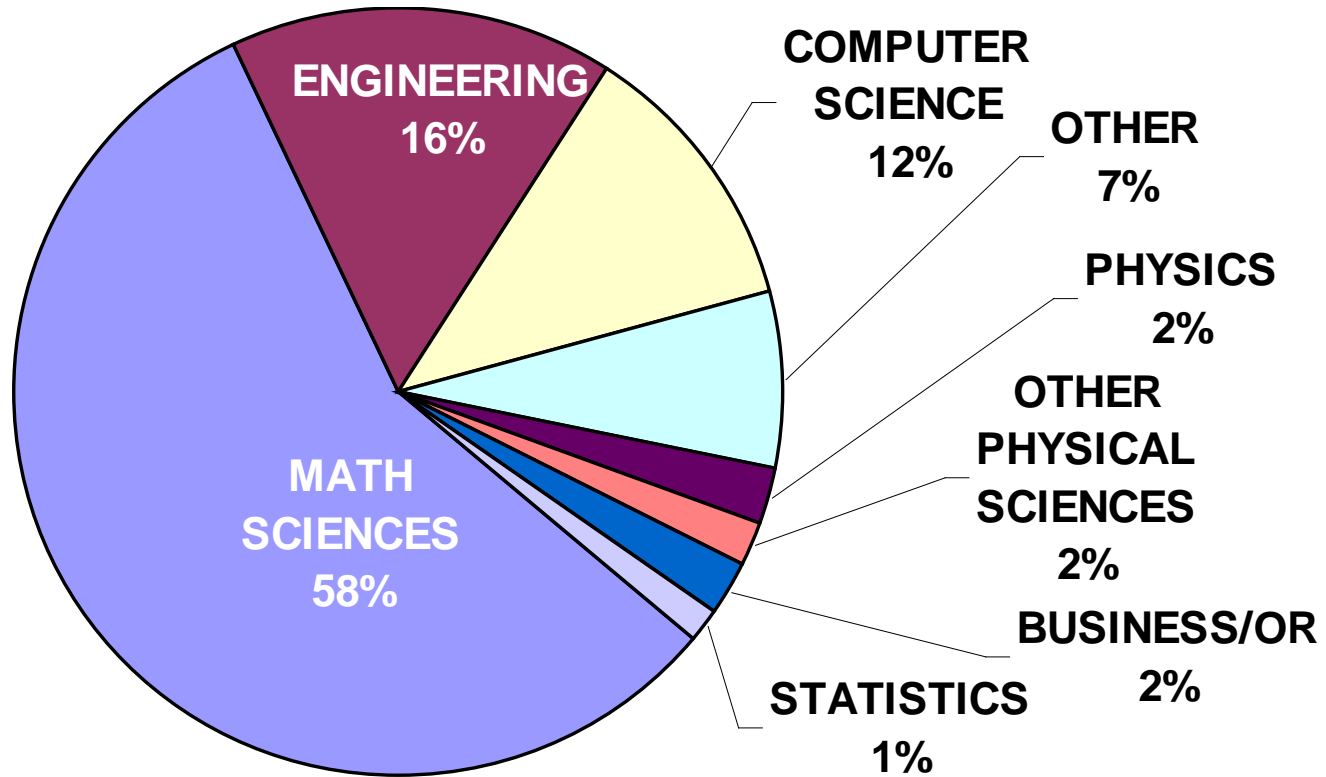


... 102 countries all together.

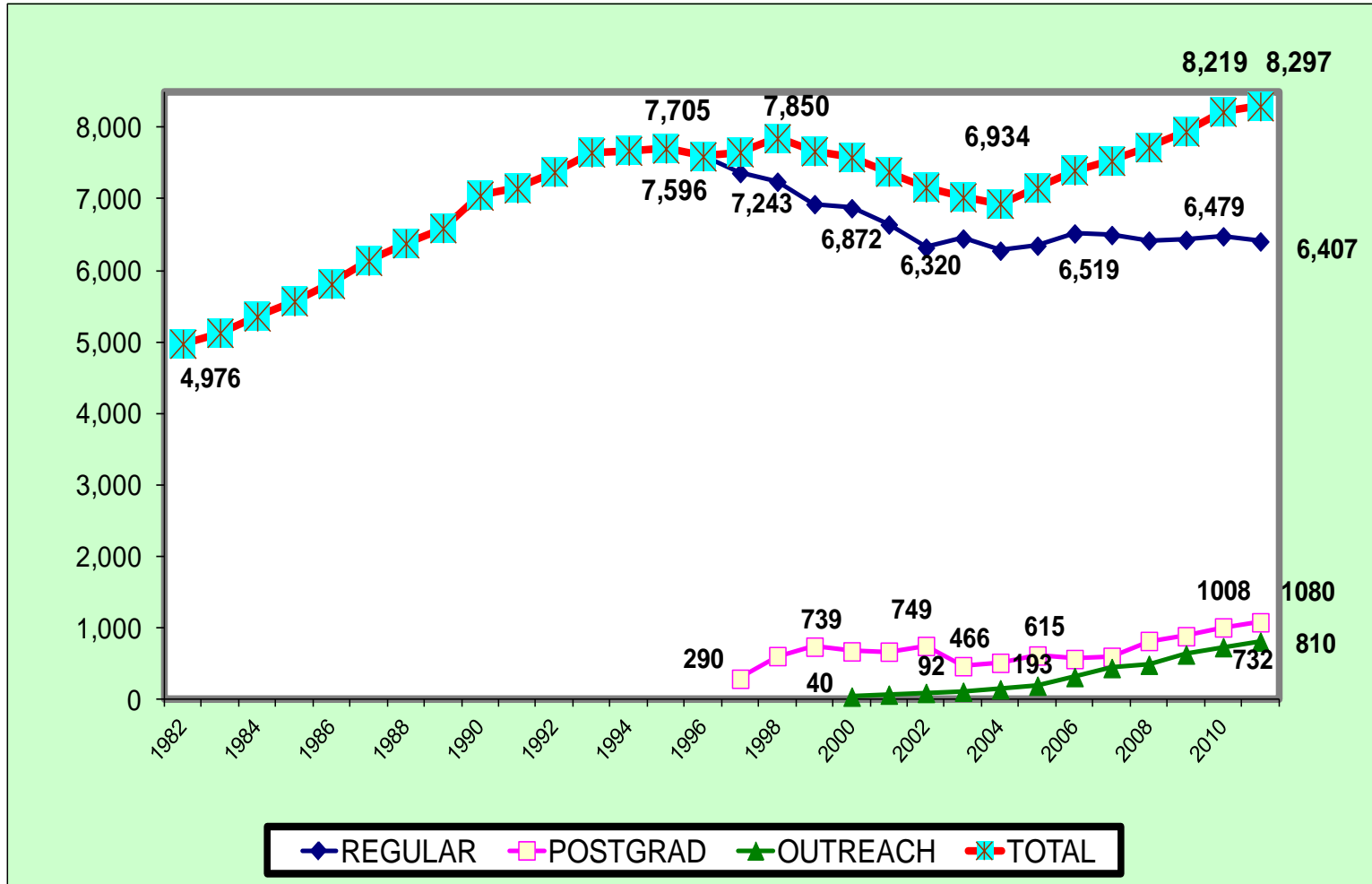
# Employer Type



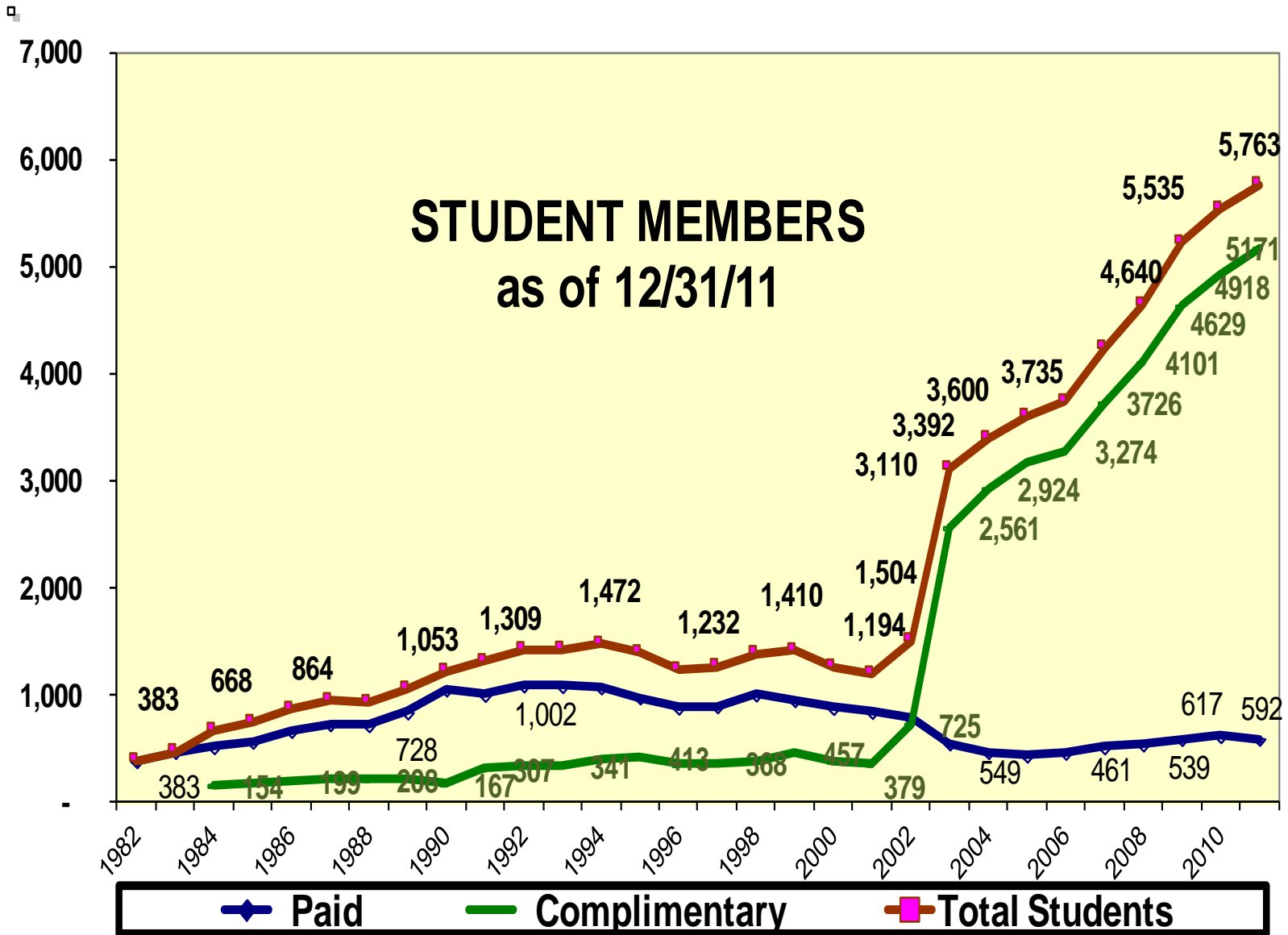
# Where Academic Members Are



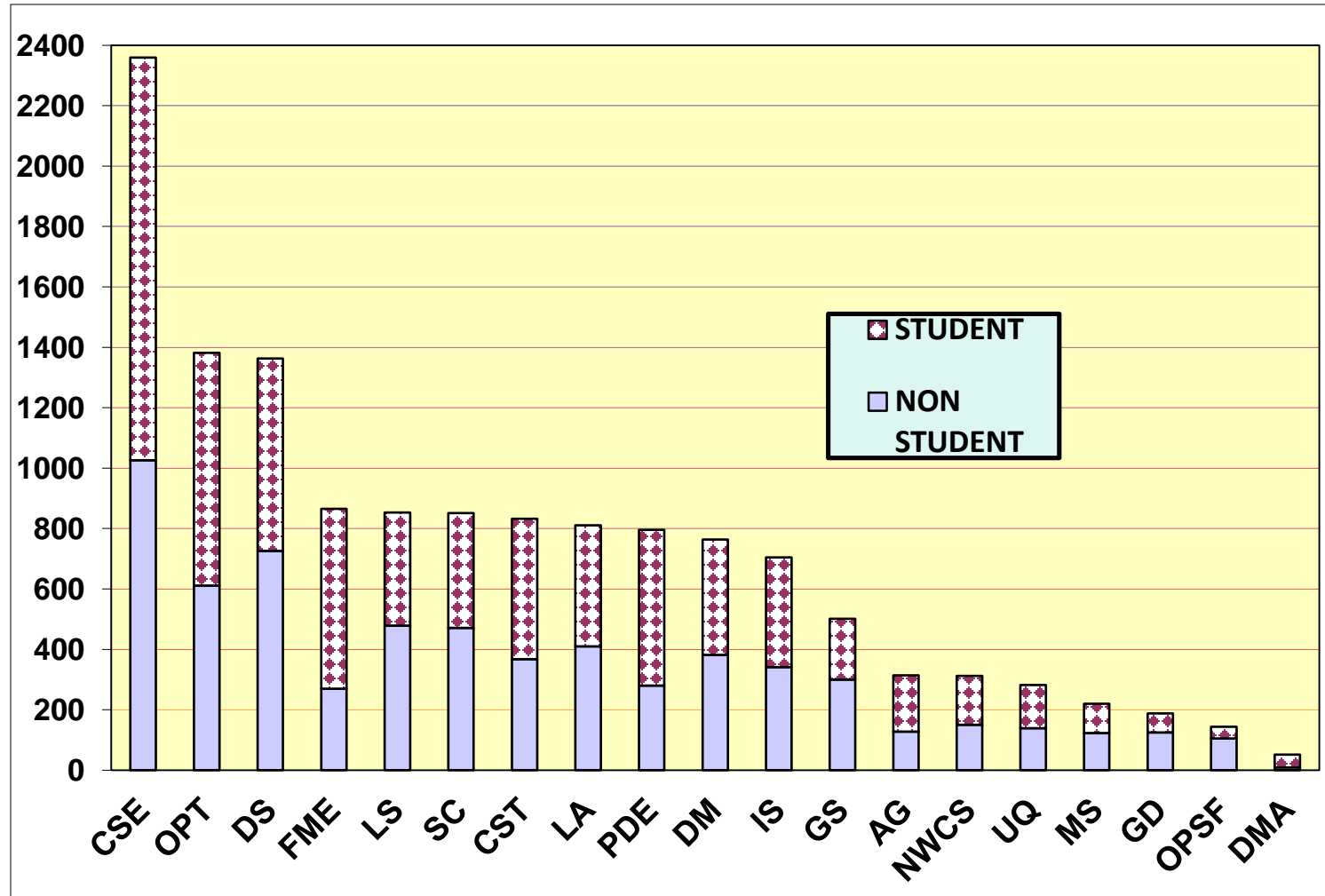
# Membership Trends







# SIAM Activity Groups



# SIAM STUDENT CHAPTERS



# SIAM Regional Sections

Great Lakes Section (GLSIAM)

SIAM Southeastern Atlantic Section (SIAM-SEAS)

Washington-Baltimore Section

Argentinean Section (AR-SIAM)

Bulgaria Section (BGSIAM)

Colombia (COSIAM)

East Asia Section (EASIAM)

United Kingdom and Republic of Ireland Section (UKIE SIAM)

# Reciprocal Societies

- AustMS Australia
- AWM Worldwide
- CAIMS/SCMAI Canada
- EMS Scotland
- GAMM Germany
- IMA UK
- IMU Israel
- JSIAM Japan
- KWG Netherlands
- SEMA Spain
- SIMAI Italy
- SMAI France

# SIAM Journals

- New Journal to appear in 2013:  
*SIAM/ASA Journal on Uncertainty Quantification*
- Transition from AIP's Scitation to Atypon's Literatum platform (June 2012)
- Supplementary Materials
- New aim: shorten times to publication by 1/3

# SIAM'S New Policy on Refereeing and Revision Times

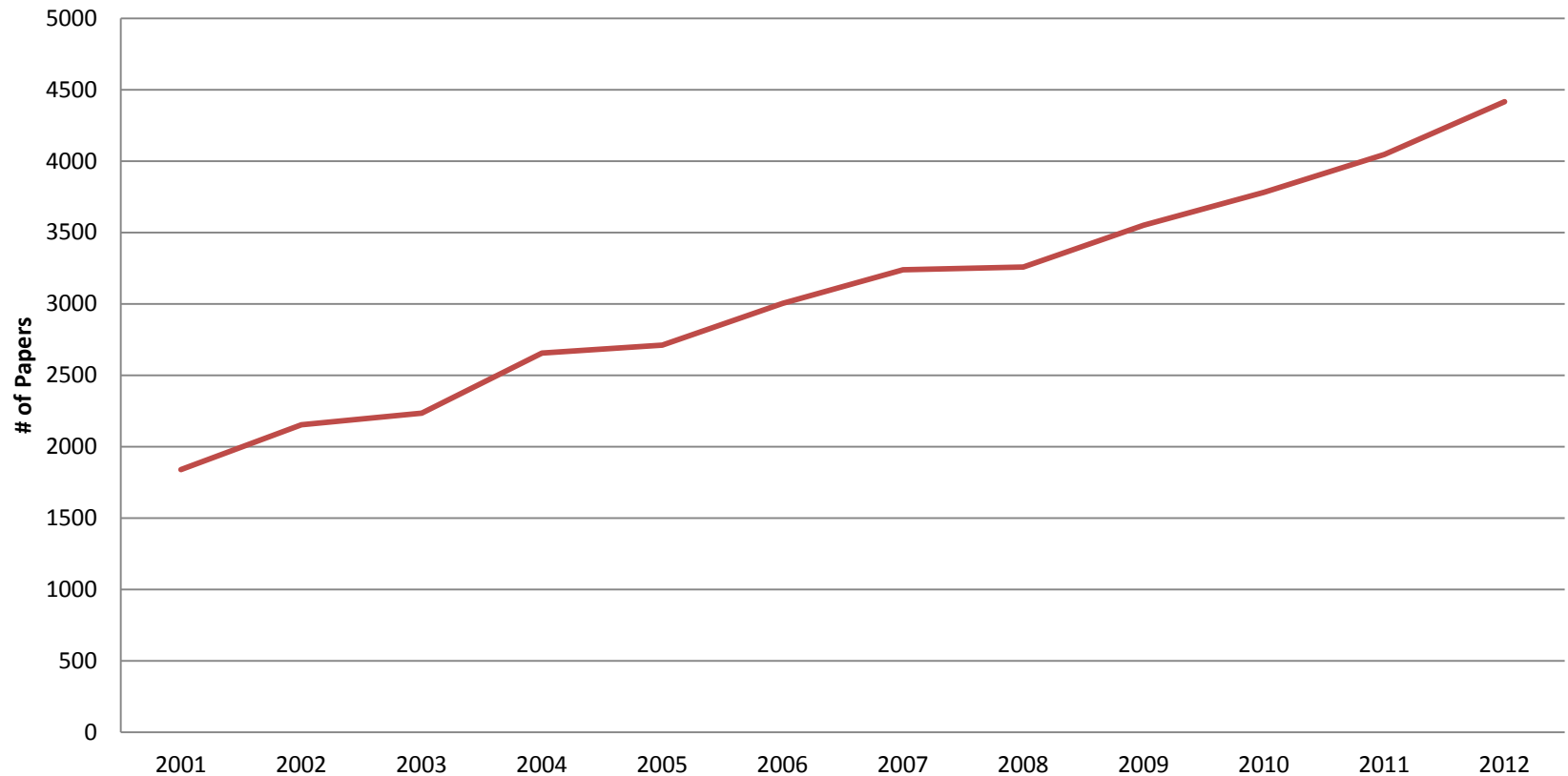
SIAM's 15 journals consider more than 4000 submitted manuscripts every year, an enormous effort that relies on hundreds of volunteer editors and thousands of volunteer referees. As with other mathematics journals, this process often takes quite a while, and in recent years the average interval from submission of a SIAM manuscript to its final acceptance, averaged over all journals, has been about 12.8 months. SIAM has decided to try to improve this figure, with the aim of bringing the average down to 8–9 months. In particular, SIAM's journal editors will, by default, normally ask a reader to produce a referee report, if possible, within two months. This target can always be overridden for particularly lengthy or difficult manuscripts, and refer-

ees can always request extensions. In order to make the best use of volunteer referee efforts, editors also have the mandate to reject (without review) papers that in their opinion are not suitable for publication in the journal due to subject matter or clear weaknesses in scientific content or presentation style.

It is increasingly difficult to find suitable referees for all the papers submitted, and we hope that authors will also do their part to serve as referees for papers when requested by SIAM editors. We welcome comments from authors and referees on the important question of how SIAM should most effectively process its manuscripts, which can be addressed to [jcrowley@siam.org](mailto:jcrowley@siam.org).

# Submissions Continue to Increase

## Submissions to SIAM Journals





# Activity Groups

- Now 19 Activity Groups
- Newest activity groups:
  - Data Mining and Analytics
    - Supports conference in data mining held since 2001



- Uncertainty Quantification

- Adds new conference to SIAM program – SIAM Conference on UQ, first held in Raleigh, NC, April 2-5, 2012

# Conferences

- ICIAM 2011 in Vancouver had >2,700 attendees



- Eleven conferences in 2012
  - One in Canada (DS), one in Spain (ALA), one in Japan (SODA)
- SIAM hosts about 4,000 attendees in a typical year



# Regional Sections

- SIAM charters 8 active regional sections
  - 3 in US
  - 5 outside US
- Sections run regional conferences and support other local activities
  - Typically SIAM members in their region are automatically members of the section

# Student Chapters

- Tremendous growth in student (university) chapters over past decade
  - 104 student chapters, growing by 10-15 per year
  - $\frac{1}{4}$  of these outside the U.S.

# SIAM News

- New editorial board being formed
- Hans Kaper, Editor-in-Chief

# Officers

*President* – Nick Trefethen, Oxford University

*President-Elect* – Irene Fonseca, Carnegie-Mellon University

*Vice President at Large* – Nick Higham, Manchester

*Secretary* – Simon Tavener, Colorado State University

*Treasurer* – Sam Gubins, Annual Reviews

*VP for Publications* – Pam Cook, University of Delaware

*VP for Programs* – Sven Leyffer, Argonne NL

*VP for Education* – Peter Turner, Clarkson University

*VP for Science Policy* – Reinhard Laubenbacher, Virginia Tech

*VP for Industry* – Tom Grandine, Boeing Corp.

# Board of Trustees

- Chair: Tim Kelley, NC State University
- Current Members: SIAM President + SIAM Treasurer +
  - Marsha Berger, Courant Institute
  - Kathy Brenan, Aerospace Corp
  - Brenda Dietrich, IBM
  - Lisa Fauci, Tulane U
  - Mary Ann Horn, Vanderbilt U
  - Tammy Kolda, Sandia NL
  - Bob Kohn, Courant Inst, NYU
  - Alfio Quarteroni, EPFL Lausanne
  - Rob Schreiber, Hewlett-Packard Labs
  - Steve Wright, U of Wisconsin

# Slate for Board

Continuing members: Kathy Brennan, Brenda Dietrich, Mary Anne Horn, Tim Kelley, Rob Schreiber, Steve Wright

Candidates for election:

- Lisa Fauci (incumbent), Tulane U
- Lori Diachin, Lawrence Livermore Lab
- Bill Gropp, U of Illinois
- Bjorn Engquist, U of Texas
- George Papanicolaou, Stanford U
- Fadil Santosa, U of Minnesota



# SIAM Council

- Officers plus the following elected members-at-large:
  - Michele Benzi, Emory U
  - Oscar Bruno, Caltech
  - Angelika Bunse-Gerstner, U of Bremen
  - Timothy Davis, U of Florida
  - Lawrence Craig Evans, UC Berkeley
  - Margot Gerritsen, Stanford U
  - Bruce Hendrickson, Sandia National Labs
  - Thomas Hou, Caltech
  - Rachel Kuske, U of British Columbia
  - Mary Silber, Northwestern U
  - Carol Woodward, Lawrence Livermore Lab

# Council Slate

- Ongoing members: Michele Benzi, Oscar Bruno, Angelika Bunse-Gerstner, Margot Gerritsen, Bruce Hendrickson, Tom Hou, Rachel Kuske, Mary Silber
- Candidates for election:
  - Tim Davis (incumbent), U of Florida
  - Craig Evans (incumbent), UC Berkeley
  - Carol Woodward (incumbent), Lawrence Livermore Lab
  - Greg Forest, U of North Carolina
  - Andreas Griewank, HU Berlin
  - Misha Kilmer, Tufts U
  - Hector Klie, ConocoPhillips
  - Thaleia Zarophopoulou, Oxford U and U of Texas