

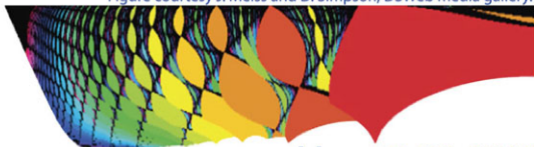
# SIAG/DS

## Business Meeting

### Monday, May 20, 2013

SIAM Conference on  
Applications of Dynamical Systems

Figure courtesy J. Meiss and D. Simpson, DSWeb media gallery.



May 19-23, 2013  
Snowbird Ski and Summer Resort  
Snowbird, Utah, USA

## ▶ Officers

- Chair Hans Kaper
- Vice Chair Mariana Haragus
- Program Director Charlie Doering
- Secretary Lennaert van Veen

## ▶ DSWeb

- Magazine Chief Editor Lennaert van Veen
- Magazine Managing Editor Kresimir Josic
- Portal Editor-in-Chief Peter van Heijster

## ▶ Advisory Committee

- Victoria Booth U Michigan, Ann Arbor, MI
- Lucy Campbell Carleton U, Ottawa, Ont., Canada
- Jonathan Dawes U Bath, Bath, UK
- Konstantin Mischaikow Rutgers U, New Jersey
- Tere Seara U Politecnica Catalunya, Barcelona, Spain

# SIAG/DS Business Meeting – Agenda

1. Membership Report
2. Elections, Fall 2013
3. SIAG/DS Charter
4. SIAG/DS Media
5. DS13 Conference
6. Moser Lecture Fund
7. Upcoming Conferences
8. Location DS17
9. Future SIAG Activities
10. Adjourn

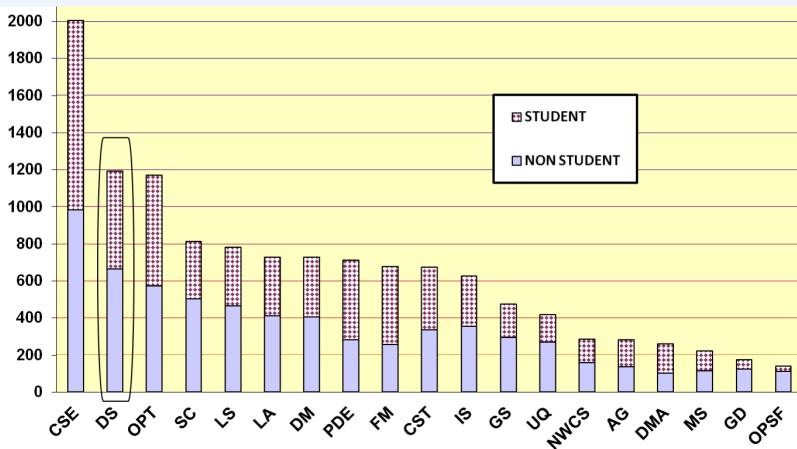
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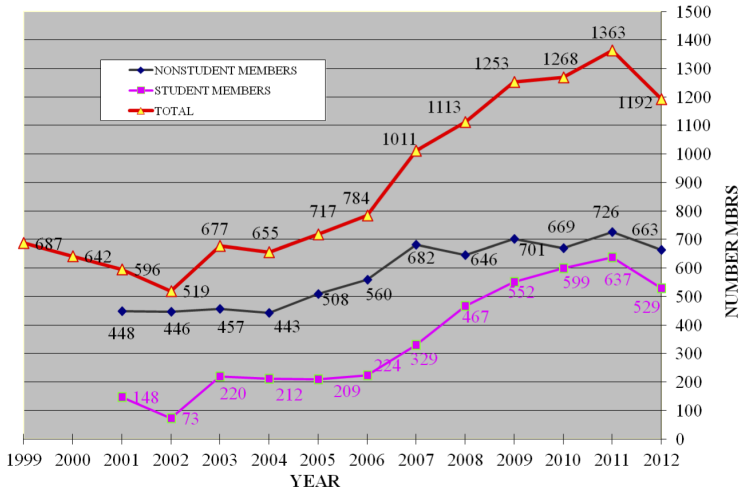
# Membership – All SIAGs

## 12,362 SIAM ACTIVITY GROUP MEMBERSHIPS (53% nonstudents, 47% students)

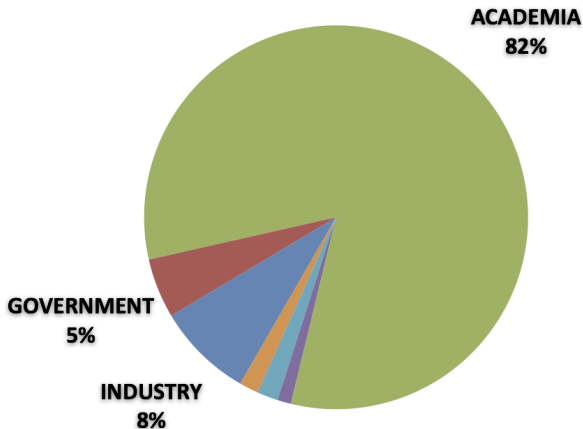
51% of all nonstudent and 47% of all student members belong to 1 or more SIAGs



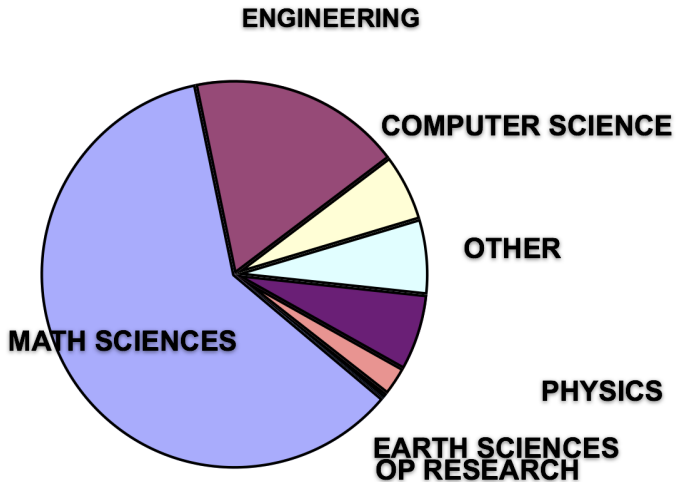
## SIAG Dynamical Systems Membership History



# SIAG/DS Membership – Distribution by Employer



# SIAG/DS Membership – Distribution by Department





# Join SIAM, Join SIAG/DS

- ▶ Registrant, not a member of SIAM
  - ▶ Receive \$130 credit, join SIAM for \$9
- ▶ Registrant, MS speaker/organizer, not a member of SIAM
  - ▶ Receive \$65 credit, join SIAM for \$74
- ▶ SIAM member, not a member of SIAG/DS
  - ▶ Join SIAG/DS for free
- ▶ Benefits
  - ▶ SIAM Review
  - ▶ SIAM News
  - ▶ Discounts on journals and books
  - ▶ And more ...

# SIAG/DS Members – 33 SIAM Fellows

- ▶ Class of 2013
  - ▶ Edgar Knobloch, John Rinzel, Bjorn Sandstede, James York
- ▶ Class of 2012
  - ▶ G Bard Ermentrout, M Gregory Forest, Naomi Leonard, Edward Ott, Mary Silber, Edriss Titi
- ▶ Class of 2011
  - ▶ Charles Doering, Philip Holmes, Christopher KRT Jones
- ▶ Class of 2010
  - ▶ Carlos Castillo-Chavez, Peter Constantin, William Kath, Ioannis Kevrekidis, Michael Weinstein
- ▶ Class of 2009
  - ▶ Hendrik Dijkstra, Martin Golubitsky, John Guckenheimer, David Hill, Tasso Kaper, Hans Kaper, Michael Mackey, Andrew Majda, Dan Marchesin, David McLaughlin, Robert Pego, Lambertus Peletier, Steven Strogatz, Andrew Stuart, Harry Swinney

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## ▶ Officers (01/01/12-12/31/13)

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- Vice Chair Mariana Haragus
- Program Director Charlie Doering
- Secretary Lennaert van Veen

## ▶ Advisory Committee (01/01/12-12/31/13)

- Victoria Booth U Michigan, Ann Arbor, MI
- Lucy Campbell Carleton U, Ottawa, Ont., Canada
- Jonathan Dawes U Bath, Bath, UK
- Konstantin Mischaikow Rutgers U, New Jersey
- Tere Seara U Politecnica Catalunya, Barcelona, Spain

## ▶ Candidates

- ▶ Officers (2 candidates for each of 4 positions)
- ▶ Advisory Committee (2 candidates for each of 4 positions)
- ▶ Submit suggestions to Nominating Committee

## ▶ Nominating Committee

- Alan R. Champneys `A.R.Champneys@bristol.ac.uk`
- Hans G. Kaper `kaper@mcs.anl.gov`
- Ioannis Kevrekidis `yannis@princeton.edu`
- Vivien Kirk `v.kirk@auckland.ac.nz`
- Lennaert van Veen `Lennaert.vanVeen@uoit.ca`

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- ▶ **SIAM Presents**
  - ▶ Invited lectures and selected minisymposia, DS13 (and DS11)
  - ▶ <http://www.siam.org/meetings/presents.php>
- ▶ **SIAM News**
  - ▶ Editorial Board
  - ▶ Suggest ideas, [corbett@siam.org](mailto:corbett@siam.org)
- ▶ **SIAG/DS Mailing list**
  - ▶ [siam-dy@siam.org](mailto:siam-dy@siam.org)
- ▶ **MPE2013**
  - ▶ <http://mpe2013.org>
  - ▶ Daily Blog, [blog@mpe2013.org](mailto:blog@mpe2013.org)





# About DSWeb

DSWeb provides up-to-date information on dynamical systems and its applications. It promotes the discipline of dynamical systems and fosters communication among all those interested in the field. Please enjoy what you find and contribute to making DSWeb even better!

The DSWeb Portal Editor-in-Chief is [Peter van Heijster](#), [Queensland University of Technology](#).

DSWeb is a community service of [SIAM](#), developed with support from the [National Science Foundation](#).

## SIAM Activity Group on Dynamical Systems

- [Activity Group Officers](#)
- [Activity Group Prizes](#)
- [SIAG/DS Conference History](#)

## Dynamical Systems Magazine

- [Magazine Editorial Board](#)
- [Table of Contents](#)

## Dynamical Systems Software

- [Software List](#)

## About DSWeb: Announcements and User Guides

- [General Announcements](#)
- [Popup Help Messages](#)
- [User Guides](#)

## About the Dynamical Systems Profession

- [Conference Announcements](#)
- [List of Journals](#)
- [Professional Opportunities](#)
- [Programs in Dynamical Systems](#)

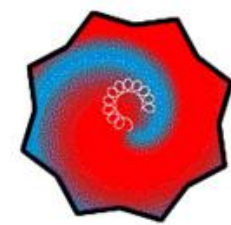
## Media Gallery

- [Bifurcation and Continuation](#)
- [Fractals and Chaos](#)
- [Invariant Manifolds](#)
- [Patterns and Simulations](#)
- [Real Experiments](#)
- [Visualization](#)

## Tutorials and Teaching Materials

- [Course Materials](#)
- [Tutorials and Exposition](#)

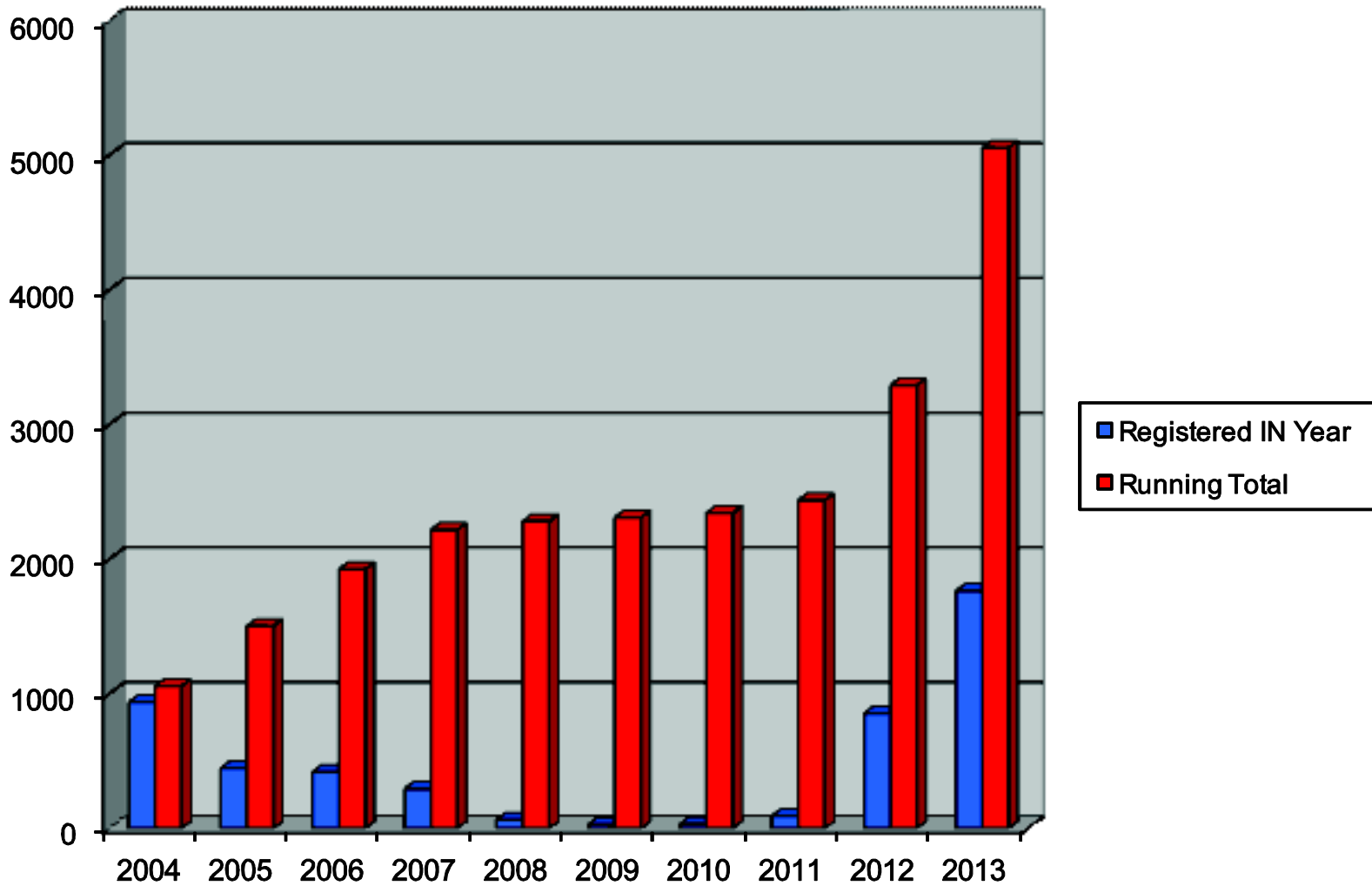
from The Gallery



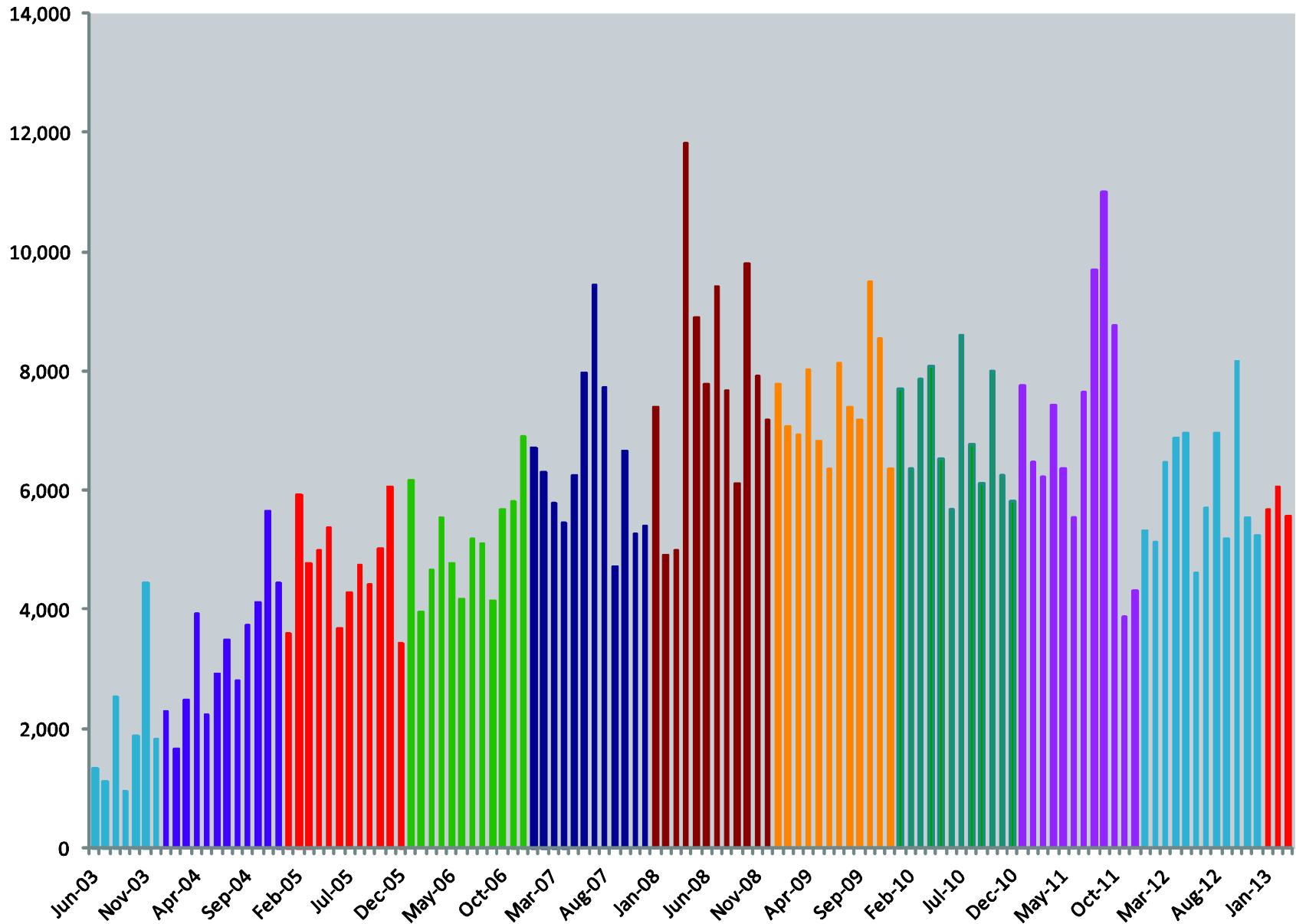
**Register:** You can browse DSWeb without registration. The new DSWeb Magazine issue is announced every three months by email to registered users only.

**Login:** SIAM encourages submissions to DSWeb. You must use your username and password if you want to submit content to DSWeb. Submissions are reviewed by the editorial board before they are posted.

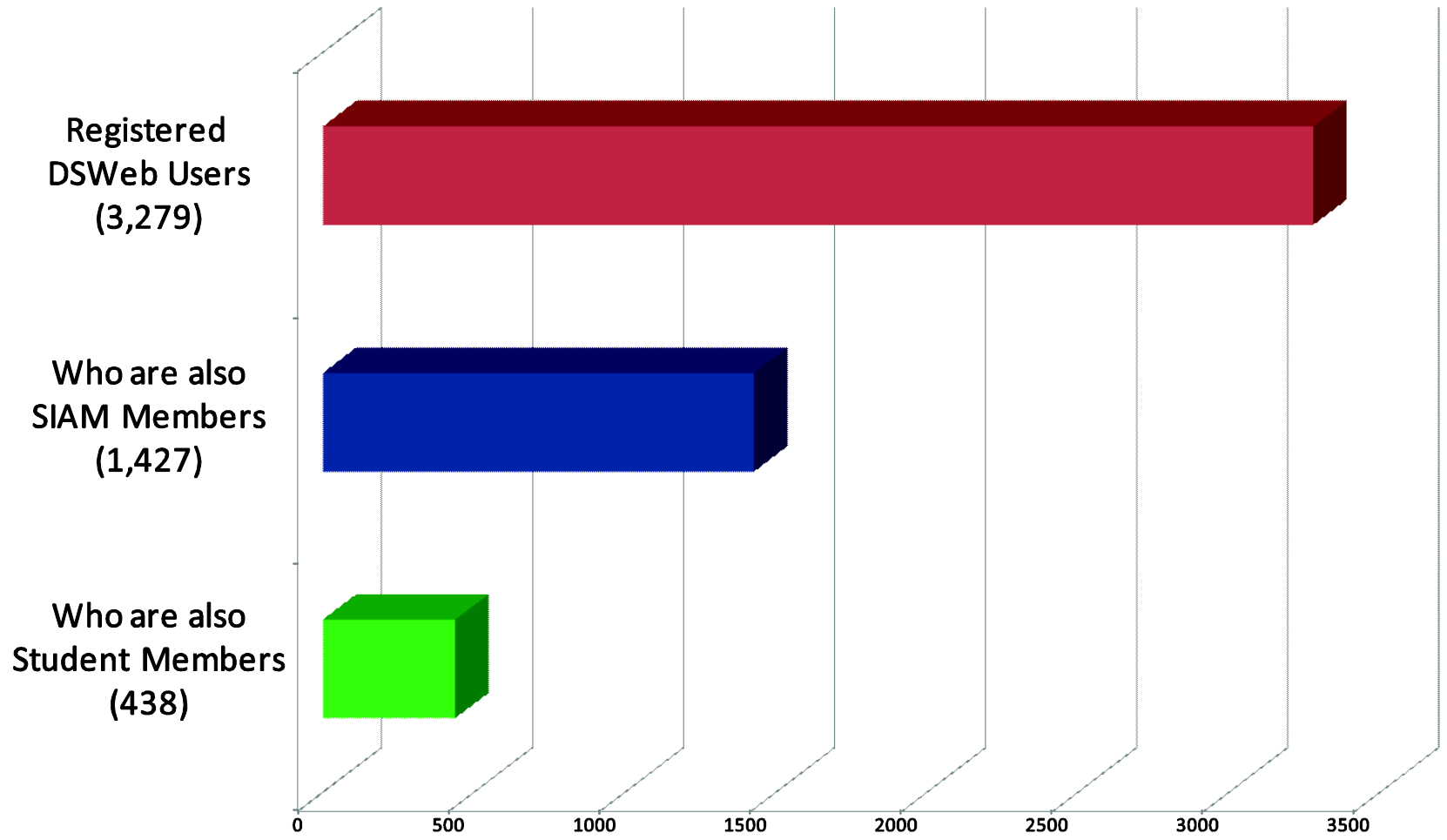
# DSWeb Registered Users



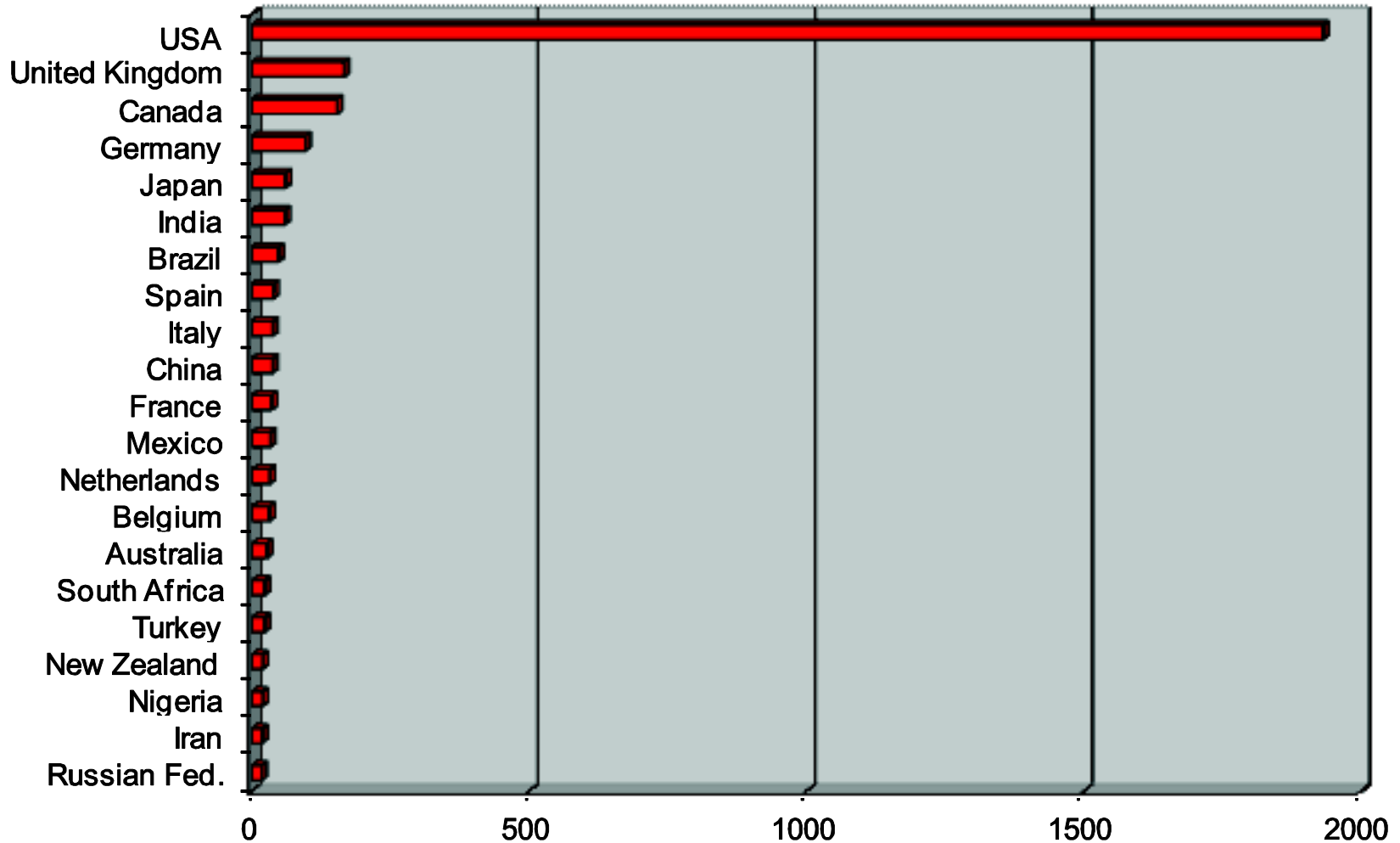
# DSWeb Usage Trend by Month



# DSWeb Registered Users



## DSWeb Top 21 Represented Countries (Out of 90 Total)



# Dynamical Systems Magazine

## Table of contents for April, 2013

Foreplay

- [April, 2013](#)
- [Foreplay](#)
- [January, 2013](#)
- [October, 2012](#)
- [July, 2012](#)
- [April, 2012](#)
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- [October, 2011](#)
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- [January, 2010](#)
- [October, 2009](#)
- [July, 2009](#)
- [April, 2009](#)
- [January, 2009](#)

### Editorial



#### [Our students need to become better expositors](#)

Which is the bigger challenge: solving the problem or explaining your results? Convincing your collaborator that you are right or convincing the granting agency that your research needs funding? Understanding the fine points of a derivation or understanding the societal context of your work? Krešimir Josić on the importance of communication skills.

### New on DSWeb



Multimedia contribution to SIADS selected by SIADS editors Evelyn Sander and Bard Ermentrout to be highlighted in our Media Gallery:

- [Breathing torus near double Hopf bifurcation](#) by P.M. Kitanov, W.F. Langford and A.R. Willms

#### [Professional Opportunities in Dynamical Systems](#)

#### [Conferences and Workshops on Dynamical Systems](#)

- [SIAM Conference on Applications of Dynamical Systems \(DS13\)](#) in Snowbird, UT.
- [The Society for Mathematical Biology Annual Meeting and Conference](#) in Tempe, AZ.
- Workshop on [Slow-Fast Dynamics : theory, numerics, applications to life and earth sciences](#) in Barcelona, Spain.
- Several workshops [\[1\]](#), [\[2\]](#), [\[3\]](#) at MBI, Columbus, OH
- [Conference](#) to the memory of Leonid Shilnikov: "Dynamics, Bifurcations, and Strange Attractors" in Nizhny Novgorod, Russia.

### Announcements



#### [Recent publications in SIADS](#)

April, 2013

- [Editorial](#)
- [New on DSWeb](#)
- [Announcements](#)
- [In The Spotlight](#)
- [Dynamical Systems Today](#)
- [Letters from Readers](#)

*A New Way to Communicate and Visualize Dynamics*

# SIAM Journal on Applied Dynamical Systems



**siam**<sup>®</sup>

<http://www.siam.org/journals/siads.php>



# SIADS Submissions



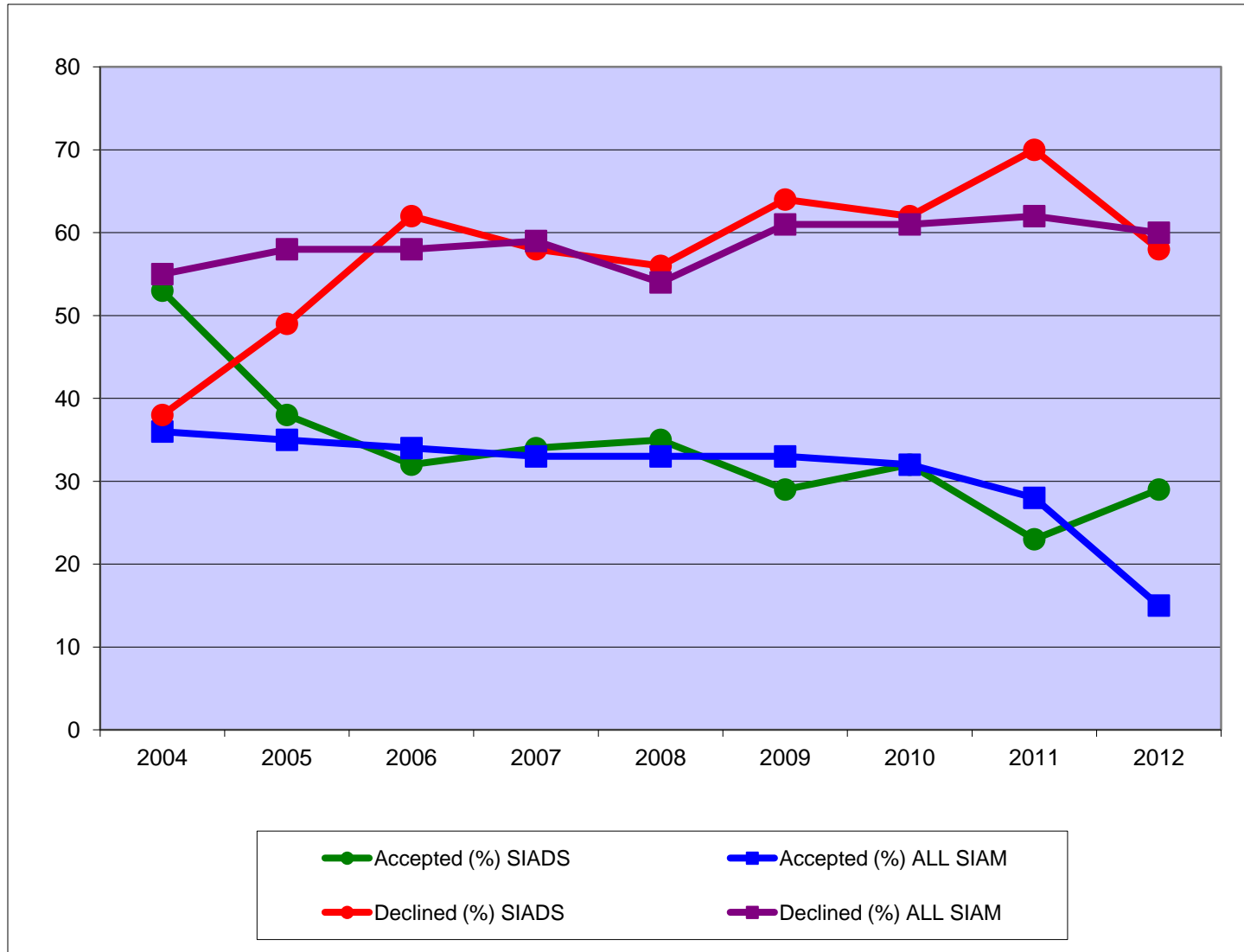
Submissions

2013YTD



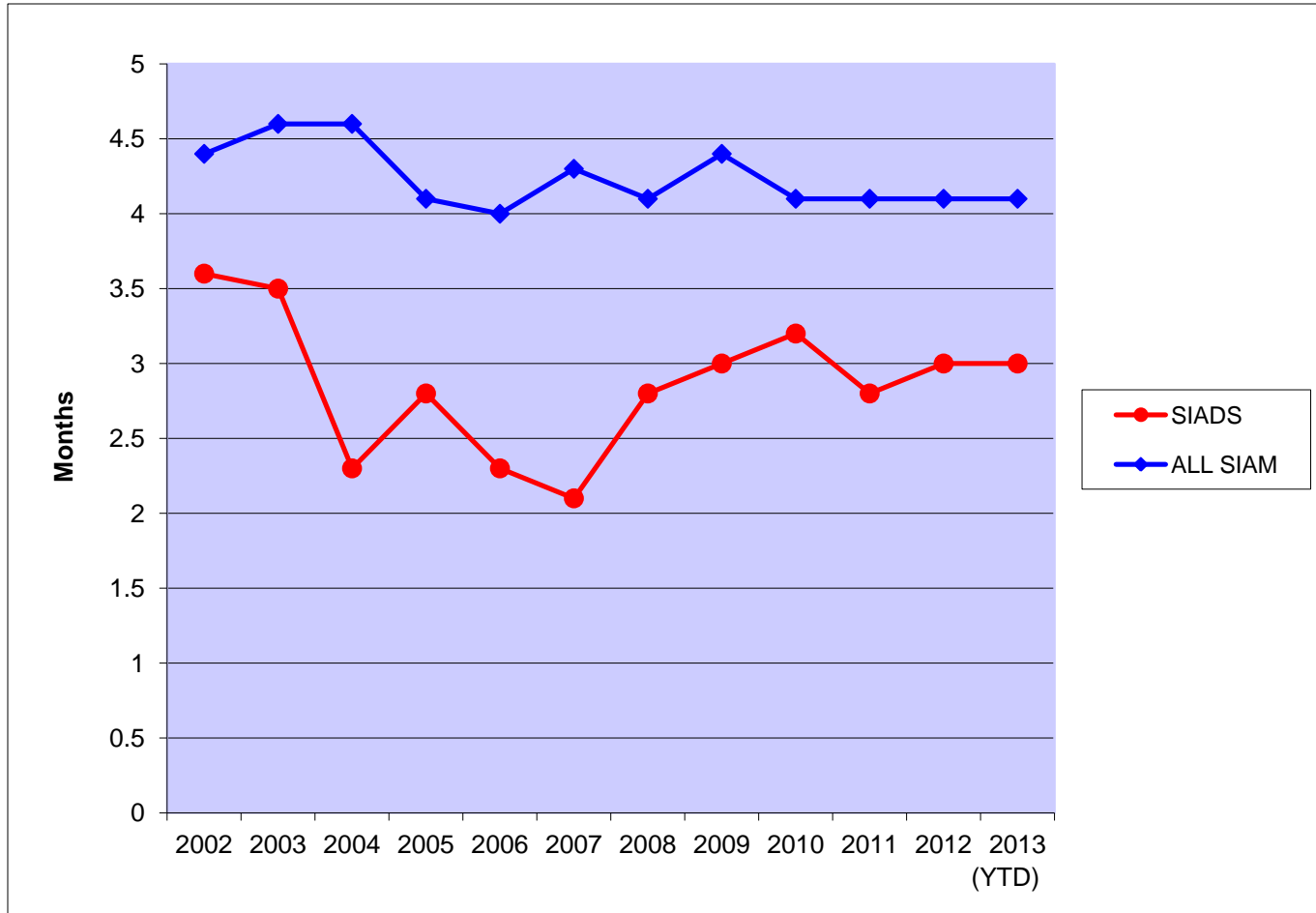
# SIADS

## Percentages Accepted and Declined



# SIADS

## Median Time for First Review Cycle



**2013 Median Time is year to date**

# Submit Today

<http://siads.siam.org/>

# SIADS Editorial Board

Editor-in-Chief: Björn Sandstede

Réka Albert

Dwight Barkley

Carson C. Chow

Harry Dankowicz

Timothy C. Elston

Bard Ermentrout

Barbara Gentz

Marty Golubitsky

John Guckenheimer

Jeff Hasty

Philip Holmes

Tasso Kaper

Edgar Knobloch

Hiroshi Kokubu

Eric Kostelich

Yasumasa Nishiura

Hinke M. Osinga

Keith Promislow

Mary Pugh

Vered Rom-Kedar

Evelyn Sander

Timothy Sauer

Arnd Scheel

Daniel J. Scheeres

Tere M. Seara

Steven Shaw

Jan Sieber

James Sneyd

Andrew M. Stuart

J.B. van den Berg

C.E. Wayne

Claudia Wulff

Lai-Sang Young

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- ▶ **Organizing Committee, Co-chairs**
  - ▶ Charlie Doering, U Michigan, Ann Arbor, USA
  - ▶ George Haller, ETH Zürich, Switzerland
- ▶ **DS13 (DS11) Participation**
  - ▶ 707 (747) Preregistered participants
  - ▶ 136 (143) Minisymposium sessions
  - ▶ 191 (169) Contributed papers
  - ▶ 88 (74) Contributed posters
- ▶ **Jürgen Moser Lecture**
  - ▶ Nancy Kopell, Boston University
- ▶ **J.D. Crawford Prize**
  - ▶ Panayotis G. Kevrekidis, U Massachusetts, Amherst
- ▶ **Red Sock Award**
  - ▶ TBD (Wednesday evening)

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- ▶ Jürgen Moser Lecture established in 2000
- ▶ “Distinguished contributions to dynamical systems or nonlinear science”
  - ▶ Special lecture at the Snowbird meeting
  - ▶ Cash prize (\$500, from endowment)
  - ▶ Honorarium for the lecture (\$500, from SIAM)
- ▶ **Awardees**
  - ▶ Yakov G. Sinai (2001)
  - ▶ David P. Ruelle (2003)
  - ▶ Stephen Smale (2005)
  - ▶ Harry L. Swinney (2007)
  - ▶ Martin Golubitsky (2009)
  - ▶ James A. Yorke (2011)
  - ▶ Nancy Kopell (2013)



- ▶ Most prestigious prize awarded by a SIAG
- ▶ Current cash amount \$500, increase to \$5,000
- ▶ Current endowment \$5,000, increase to \$50,000
- ▶ Five-year effort
- ▶ **Endowment committee**
  - ▶ Marty Golubitsky, Past Chair SIAG/DS, 2009 Moser Lecturer
  - ▶ Hans G. Kaper, Chair SIAG/DS
  - ▶ Peter Lax, Former colleague of Jürgen Moser
  - ▶ Dick McGehee, Former postdoc of Jürgen Moser
  - ▶ Evelyn Sander, Past Secretary/Treasurer SIAG/DS
  - ▶ Jim Yorke, 2011 Moser Lecturer
- ▶ Contributions received to date, \$8,600
- ▶ Commitments received to date, \$5,000 (est.)
- ▶ **Hint:** 100 supporters, \$100/year for 5 years

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# Upcoming Conferences

- ▶ **SIAM Annual Meeting 2014 (AN14)**
  - ▶ July 7-11, 2014
  - ▶ The Palmer House, Chicago, Illinois, USA,
  - ▶ Lennaert van Veen, SIAG/DS representative to AN14 Organizing Committee
- ▶ **ICIAM 2015**
  - ▶ August 10-14, 2015
  - ▶ Beijing, China
  - ▶ Propose minisymposia
  - ▶ No SIAM Annual Meeting in 2015
- ▶ **DS15**
  - ▶ May 17-21, 2015
  - ▶ Snowbird
  - ▶ Program committee

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# Location DS17 – Requests for Proposals

- ▶ **SIAM Office**
  - ▶ Jim Crowley, Linda Thiel, Kirsten Wilden
- ▶ **Criteria**
  - ▶ Ability to accommodate approximately 1,000 attendees
  - ▶ Ability to accommodate our meeting space requirements
  - ▶ Somewhat isolated location to allow attendees to network with little outside distraction
  - ▶ Available in 2017
- ▶ **Twelve responses**
  - ▶ Six sites not viable
  - ▶ Six viable options, follow-up may be required

# Six Sites – Not Viable

- ▶ Banff Center, Alberta, Canada
- ▶ Canyons, Park City
- ▶ Fairmont Banff Springs, Alberta, Canada
- ▶ Homestead, Virginia
- ▶ Keystone Resort and Conference Center, Colorado
- ▶ Snowmass, Colorado
  
- ▶ **Reasons**
  - ▶ Meeting room space divided between buildings
  - ▶ Sleeping room rates too high ( > 255 USD)

# Six Sites – Viable

- ▶ **Foxwoods Resort and Casino, Connecticut**
  - ▶ Minimum charge for F&B (\$90K)
  - ▶ Up to 14 breakout rooms, mostly small (capacity 35-70)
- ▶ **Grand Sierra Resort and Casino, Reno, Nevada**
  - ▶ Recently remodeled, great value
  - ▶ All sleeping and meeting rooms under one roof
- ▶ **Mohegan Sun, Connecticut**
  - ▶ Minimum charge for F&B (\$75K)
  - ▶ Casino, 60 miles to nearest airport
- ▶ **Omni Orlando Resort and Champions Gate, Florida**
  - ▶ Minimum charge for F&B (\$80K)
  - ▶ 25 minutes to nearest airport
- ▶ **Sheraton Wild Horse Pass Resort & Spa, Arizona**
  - ▶ Meeting space may need to be manipulated
  - ▶ 15 minutes to nearest airport
- ▶ **Snowbird Ski and Summer Resort, Snowbird, Utah**
  - ▶ Up to 11 breakout rooms
  - ▶ 45 minutes to nearest airport

# First Triage – Top Three

- ▶ **Grand Sierra Resort and Casino, Reno, Nevada**
  - ▶ CSE11, Casino
  - ▶ Room rate \$125, student rate \$85
  - ▶ Internet access in guest rooms, complimentary
  - ▶ F&B Minimum \$0
- ▶ **Sheraton Wild Horse Pass Resort & Spa, Arizona**
  - ▶ Room rate \$169, student rate \$128
  - ▶ Internet access, need to inquire
  - ▶ F&B Minimum \$60,000 (negotiable)
- ▶ **Snowbird Ski and Summer Resort, Snowbird, Utah**
  - ▶ Room rate \$150, student rate \$54
  - ▶ Internet access in guest rooms, complimentary
  - ▶ F&B minimum \$0



## Second Triage – Top Two

- ▶ **Sheraton Wild Horse Pass Resort & Spa, Arizona**
  - ▶ Room rate \$169, student rate \$128
  - ▶ Internet access, need to inquire
  - ▶ F&B Minimum \$60,000 (negotiable)
  - ▶ Meeting room rental complimentary with F&B minimum
  - ▶ Fee for bringing in outside A/V vendor, not specified
  - ▶ Meeting space sufficient (up to 14 breakout rooms)
  - ▶ Area designated for exhibits, coffee, posters and Internet café smaller than requested
- ▶ **Snowbird Ski and Summer Resort, Snowbird, Utah**
  - ▶ Room rate \$150, student rate \$54
  - ▶ Internet access in guest rooms, complimentary
  - ▶ F&B minimum \$0
  - ▶ Meeting room rental \$2,250
  - ▶ Fee for bringing in outside A/V vendor, not specified
  - ▶ Meeting space sufficient (up to 11 breakout rooms, expand into Snowbird Center)
  - ▶ Additional 3,600 sq. ft. if/when Amphitheater Lobby Terrace is enclosed

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