

SIAG/DS Business Meeting

4:00pm, 24 May 2021(virtual)

MINUTES

Speakers: Emily Stone (Chair) Evelyn Sander (SIADS) & Anna Ghazaryan (DSWeb).

1. Welcome and Agenda.
2. Thanks to officers and advisory board. A special thanks to Margaret Beck and Elizabeth Cherry.
3. Announcement of recent SIAG/DS Fellows and Awards.
 - (a) SIAG/DS fellows - Class of 2020 - George Haller. Class of 2021 - Alejandro Aceves, Gary Froyland and Jonathan Rubin.
 - (b) Moser Lecture: Lai-Sang Young. Crawford prize: Igor Mezić.
 - (c) Red sock awards to be determined after poster session.
4. SIAM Announcements
 - (a) SIAM Engage: new email and announcement platform
 - (b) SIAG/DS websites
 - i. <https://www.siam.org/membership/activity-groups/detail/dynamical-systems>
 - ii. <https://dsweb.siam.org/>
 - (c) SIAM Blogs.
 - (d) SIAM News: Story Ideas
 - (e) SIAG/DS Leadership suggestion form: <https://www.siam.org/forms/siam-activity-group-leadership-form>
5. Annual Meeting: July 19-23. Held virtually.
6. Membership Report
 - (a) Overall membership - 1354.
 - (b) Demographics - 723 non-student members. 631 student members. Number of women student members is increasing, and now outnumber number of female non-student members.
 - (c) 65/35 US outside the US split in membership.
7. SIADS Report (Evelyn Sander)
 - (a) Noted that submissions are increasing.

- (b) Noted that percent of submissions accepted versus declined is in line with all of SIAM
 - (c) Time from submission to acceptance is at 7 months. Less than SIAM as a whole.
 - (d) Still accepting submissions and thanks to the editorial board.
8. SIAM DS Web Report (Anna Ghazaryan)
- (a) Report on web traffic. Traffic has been down due to Covid, but publication has proceeded smoothly.
 - (b) Thanks to Editorial Board. Many thanks to the outstanding efforts by James Haines.
9. SIAG/DS Conference 2021 (Emily Stone)
- (a) Thanks again to Margaret and Elizabeth.
 - (b) Conference History: 1009 participants in DS19. 1328 participants in DS21
 - (c) 369 SIAG members attending out of 635
 - (d) 430 extra members registered at non-member rate.
 - (e) SIAG/DS 23 conference to be held in Portland, OR. May 14-18 2023. Should be face to face.
10. Other business
- (a) General request to members to organise a track at SIAM annual meeting in 2022.
 - (b) Election Committee in progress.
 - (c) Discussion of whether or not DS 2023 conference would be hybrid virtual/face to face.
 - i. It was noted that SIAM has historically resisted a hybrid meeting, however they are now being explored. “Definitely not “no” ”. SIAG/DS has historically been a testing ground for trialling new features for SIAM in general - could be so with a hybrid meeting. Concern was raised over undermining an in-person meeting. Concern was raised for how to provide the proper experience for virtual members. Support for hybrid meeting as a means to lower carbon foot print. Members would still be interested in attending face-to-face.
 - ii. Positive feedback from members that the talks were being recorded. It was asked if this could be continued for future meetings.
 - iii. It was noted that recordings would be made available for 3 months after the conference, and select recordings would be published on the SIAM YouTube channel. Possibility of including more recordings in the future was raised.
 - iv. General discussion about the details of current conference recordings. It was reminded that recordings were to be posted on the conference website and held for 3 months.

- v. Question was asked of members about synchronous vs asynchronous hybrid features of conference. Both were supported. The opportunity to pre-record was suggested as being a good thing.
- vi. Question was raised about how social aspects of conference would work if DS 23 were to be a hybrid virtual and face-to-face.
- vii. Requests for larger breakout rooms/more time after minisymposia and longer gather spaces were made.
- viii. Re-cap of discussion - primarily focussed on ways to make the remote parts of the conference active.
- ix. Anticipated good attendance at Portland.

The meeting was adjourned at 5:55 pm.

2021 SIAG/DS

SIAM Conference on
Applications of Dynamical
Systems

Dynamical Systems Business
Meeting

siam
2021 | Conference on
Applications of Dynamical Systems

2021 SIAG/DS BUSINESS MEETING

siam | Society for Industrial and
Applied Mathematics

SIAG/DS Business Meeting

Agenda

- Review of Activities/People & SIAM Announcements
- SIAG/DS membership report
- SIAM Journal of Applied Dynamical Systems report: Evelyn Sander
- DSWeb report: Anna Ghazaryan
- SIAG/DS Conference report
- Other Business

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Emily Stone

*

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Andrew Bernoff

*

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*

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Christian Kuehn

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Yasumasa Nishiura

SIAG/DS Fellows

Class of 2020

George Haller

Class of 2021

Alejandro Aceves

Gary Froyland

Jonathan Rubin

SIAG/DS Awards

Moser Lecture

Lai-Sang Young



Crawford Prize

Igor Mezić



SIAG/DS Awards, cont.

Red Sock Awards

TBD after poster sessions

SIAG/DS Announcements

- SIAM Engage: new email news platform
- SIAG/DS websites:
 - <https://www.siam.org/membership/activity-groups/detail/dynamical-systems>
 - <https://dsweb.siam.org/>
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Held Jointly with:

- Conference on Applied and Computational Discrete Algorithms (ACDA21)
- Conference on Control and Its Applications (CT21)
- Conference on Discrete Mathematics (DM21)
- Conference on Optimization (OP21)

Tracks of Sessions by SIAM SIAGs:

- Mathematics of Planet Earth
- Nonlinear Waves and Coherent Structures

Pre-registration Deadline:

- July 5th, 2021

Travel Fund Application Deadline:

- June 21, 2021
- Awards will be applied as a waiver of registration fees

Virtual Format:

- Originally scheduled for Spokane, Washington. This conference will be fully virtual on the originally scheduled dates.

More information available at:

<https://www.siam.org/conferences/cm/conference/an21>

Join SIAM Today!

Benefits of SIAM Membership Include.....

- *SIAM Review* (Print & Electronic)
- *SIAM News* (Print)
- 30% Off SIAM Books
- \$15 / Activity Group Membership
- 20% - 30% Off Registrations
- 80% Off Journals (up to 4)
- 95% Off e-Access to Journals
- Spouse may join as Associate Member
- *SIAM Unwrapped*
- Vote in SIAM Elections
- Eligible to Hold Office
- Eligible for Committee Appointments
- Nominate SIAM Fellows
- Be Nominated as a SIAM Fellow
- Nominate 2 Students for Free Membership
- Eligible for Group Insurance

2021 SIAG/DS

Membership Report

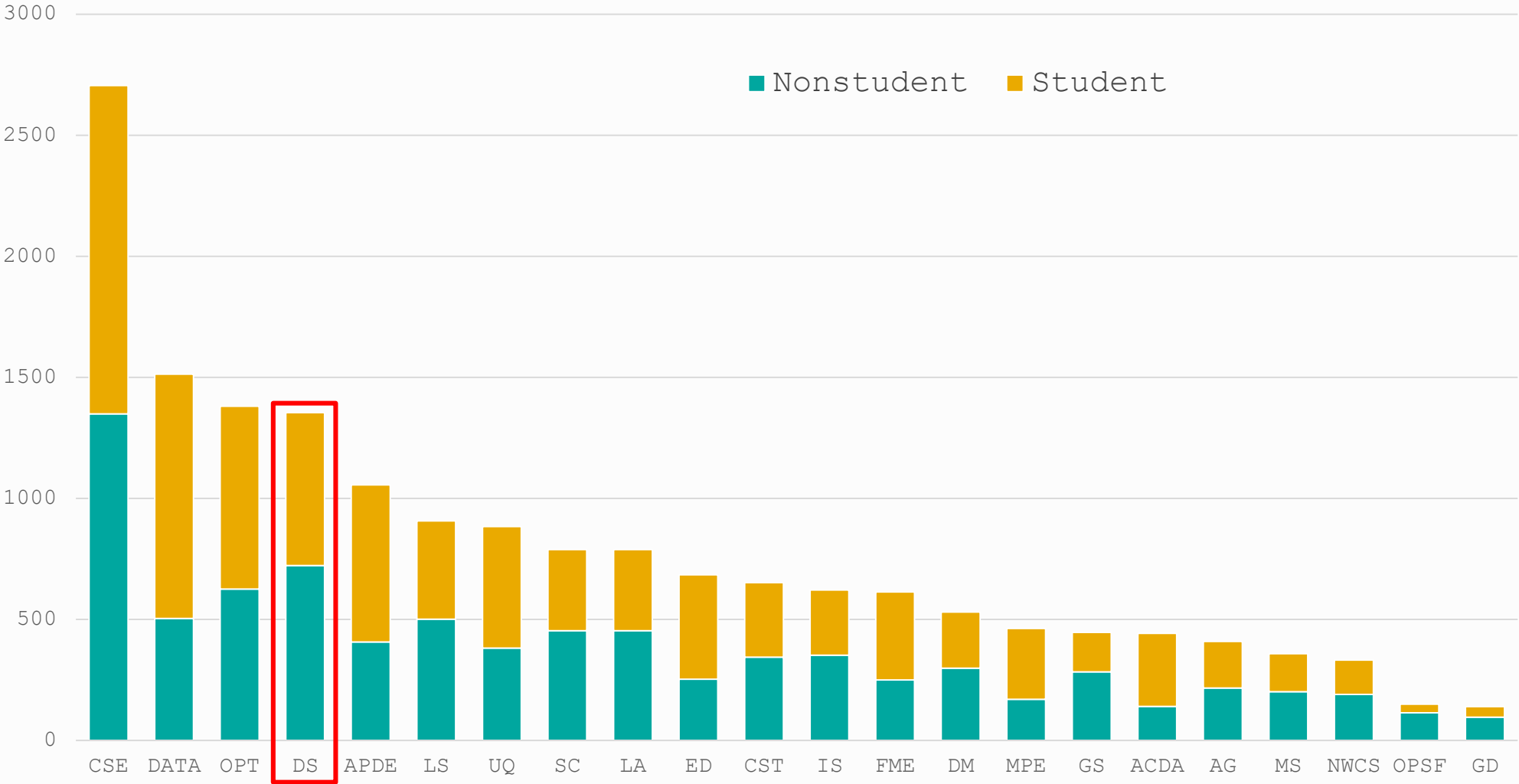
(data as of December 31, 2020)

siam
2021 | Conference on
Applications of Dynamical Systems

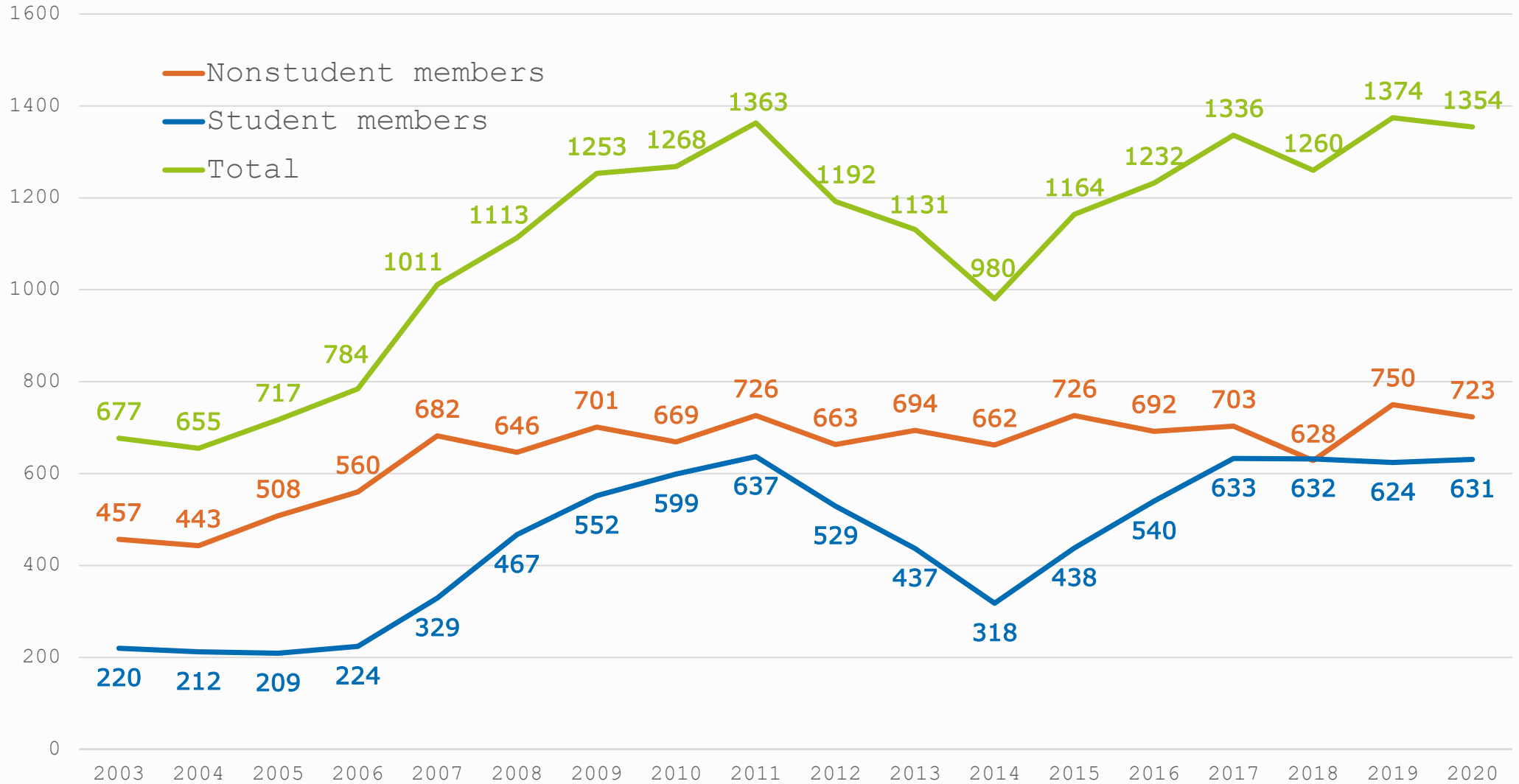
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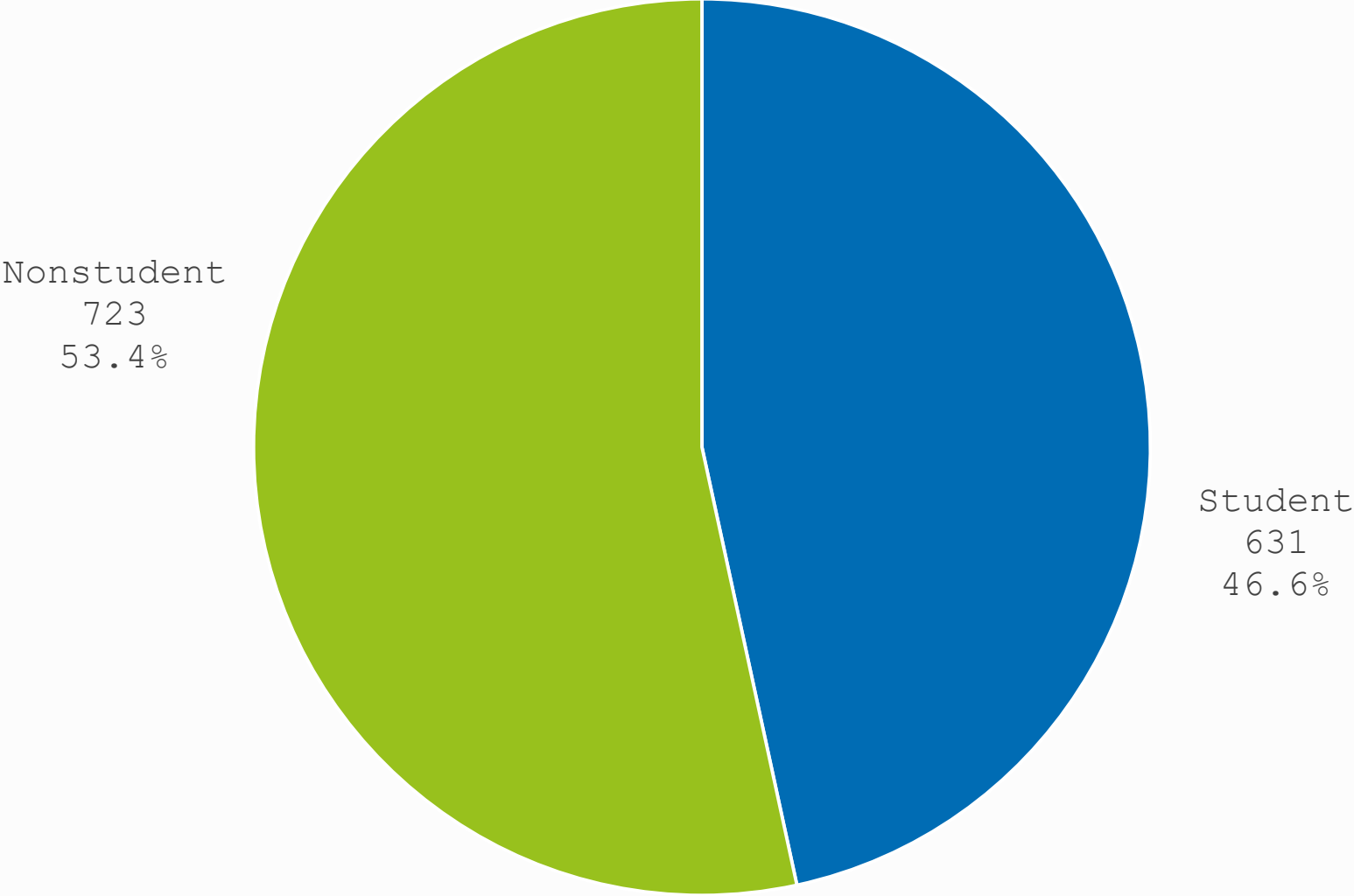
SIAG Overall Membership



SIAG/DS Membership Demographics

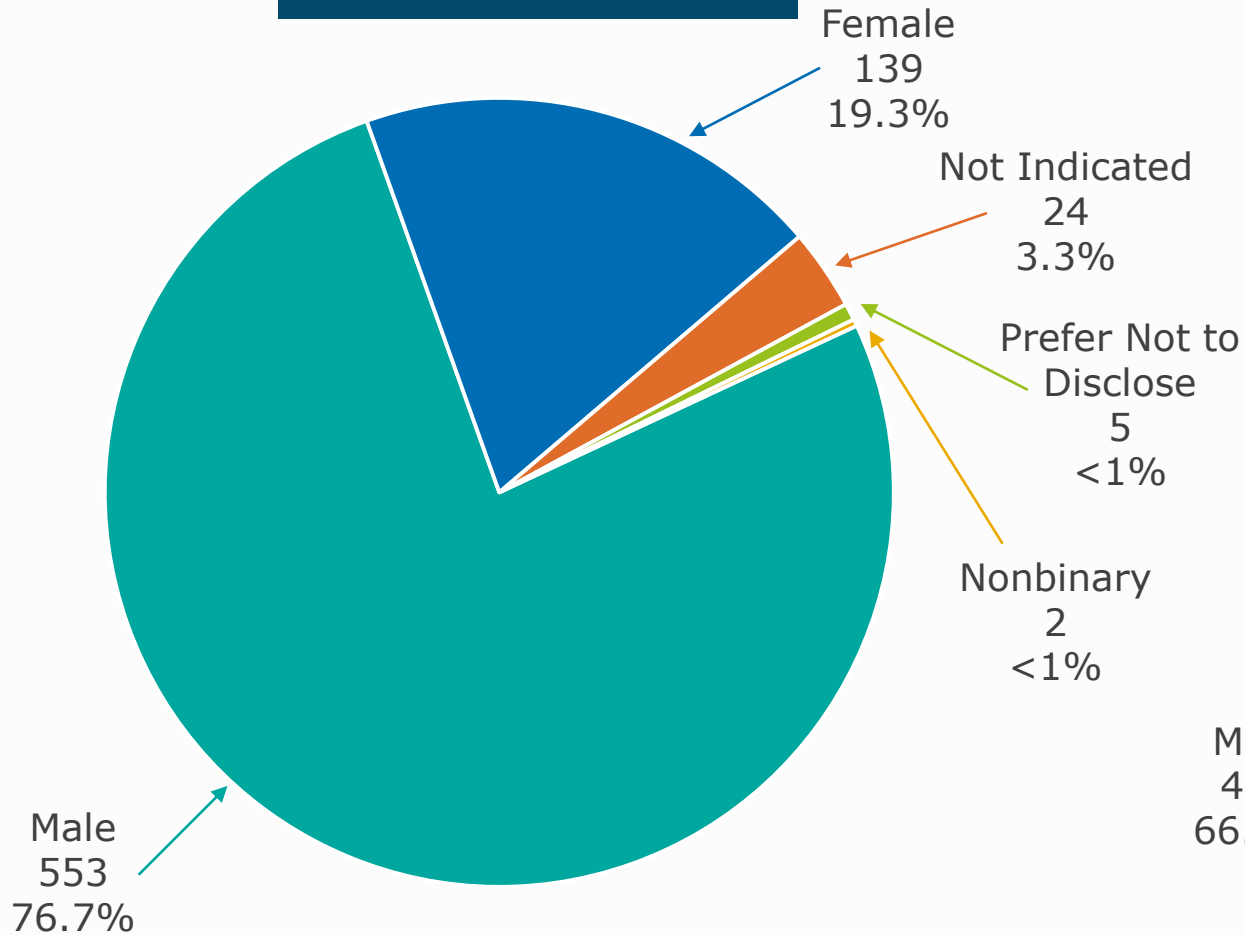


SIAG/DS Membership Demographics

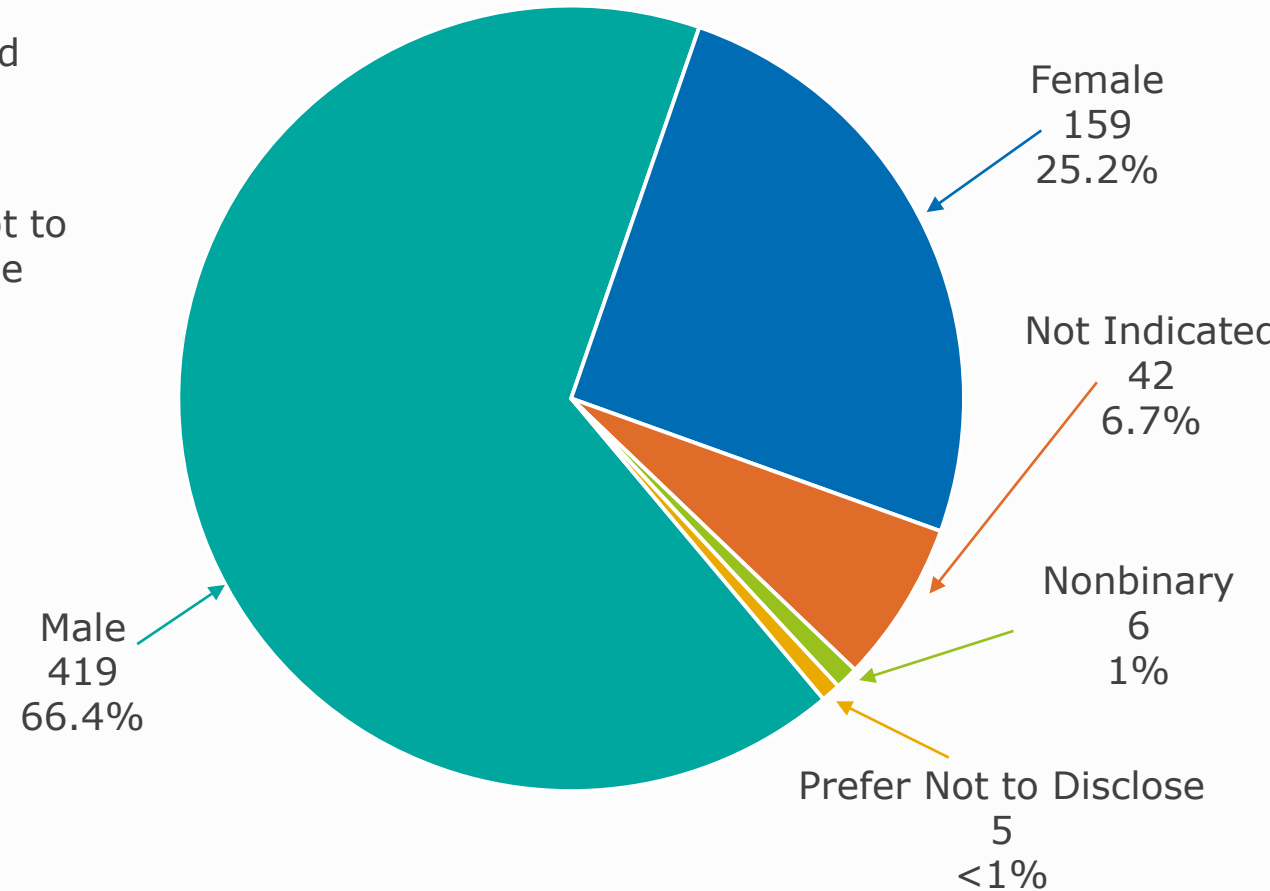


SIAG/DS Membership by Gender

Nonstudents



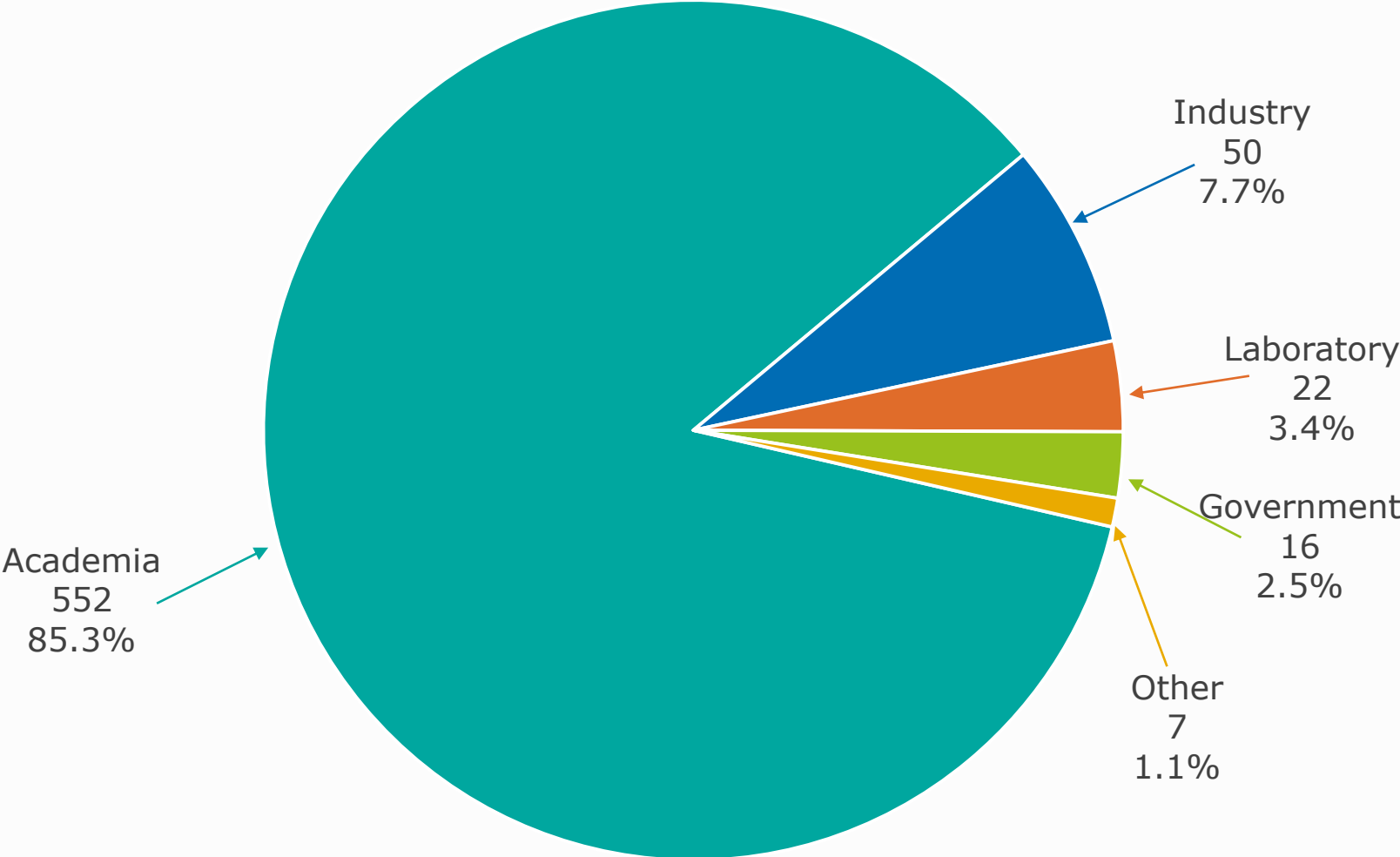
Students



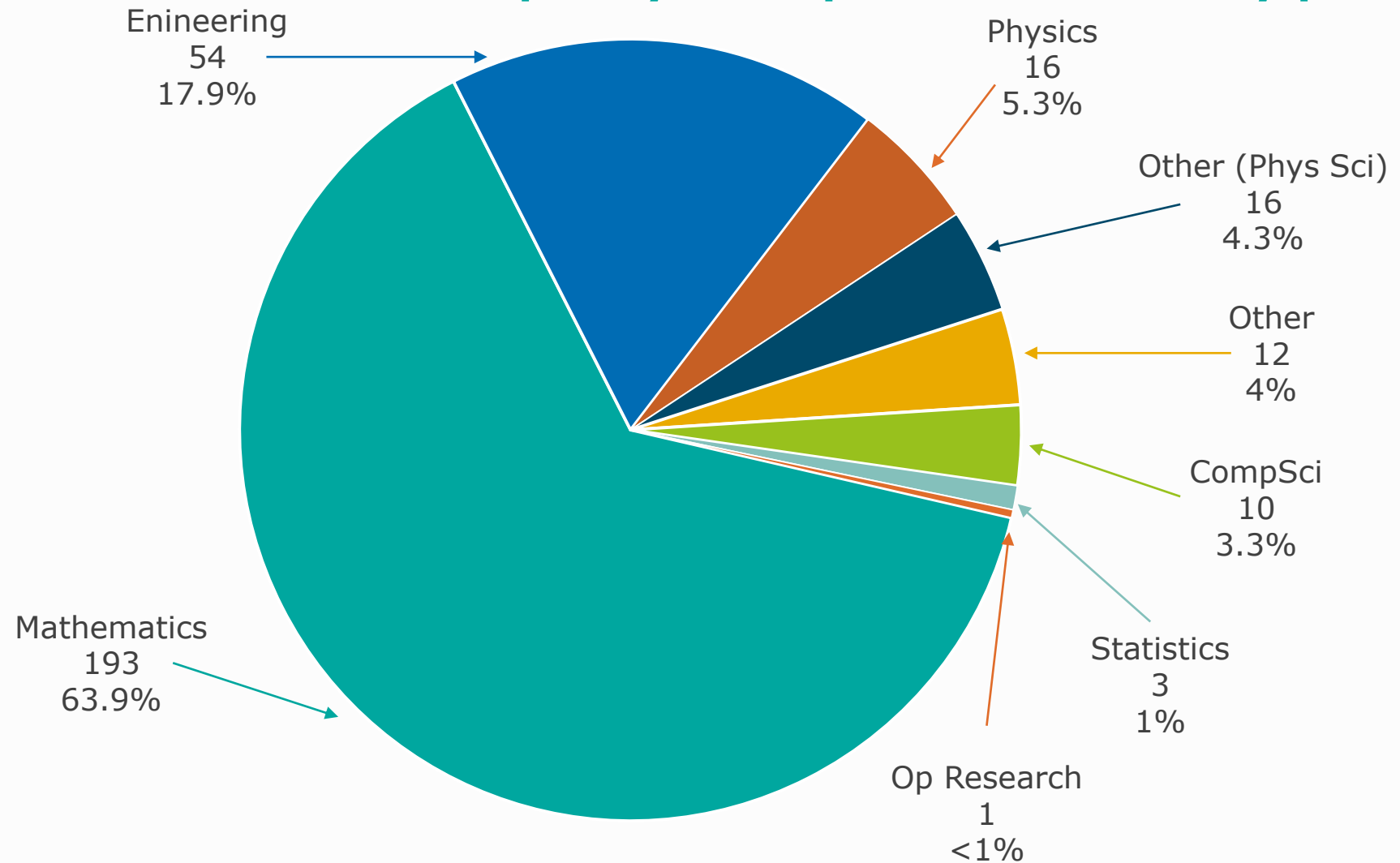
SIAG/DS Membership by Geography

	US		Non-US		Total	
Nonstudent	448	33%	275	20%	723	53%
Student	436	32%	195	15%	631	47%
Total	884	65%	470	35%	1354	

SIAG/DS Membership by Employer Type

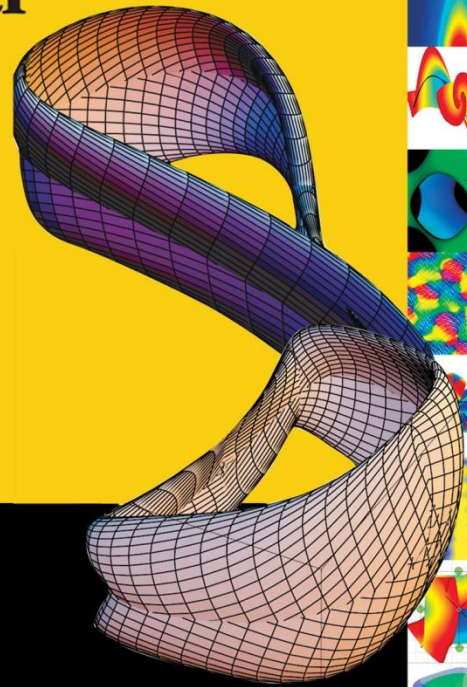


SIAG/DS Membership by Department Type



A New Way to Communicate and Visualize Dynamics

SIAM Journal on Applied Dynamical Systems

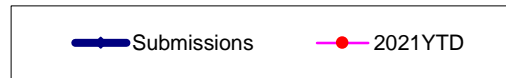
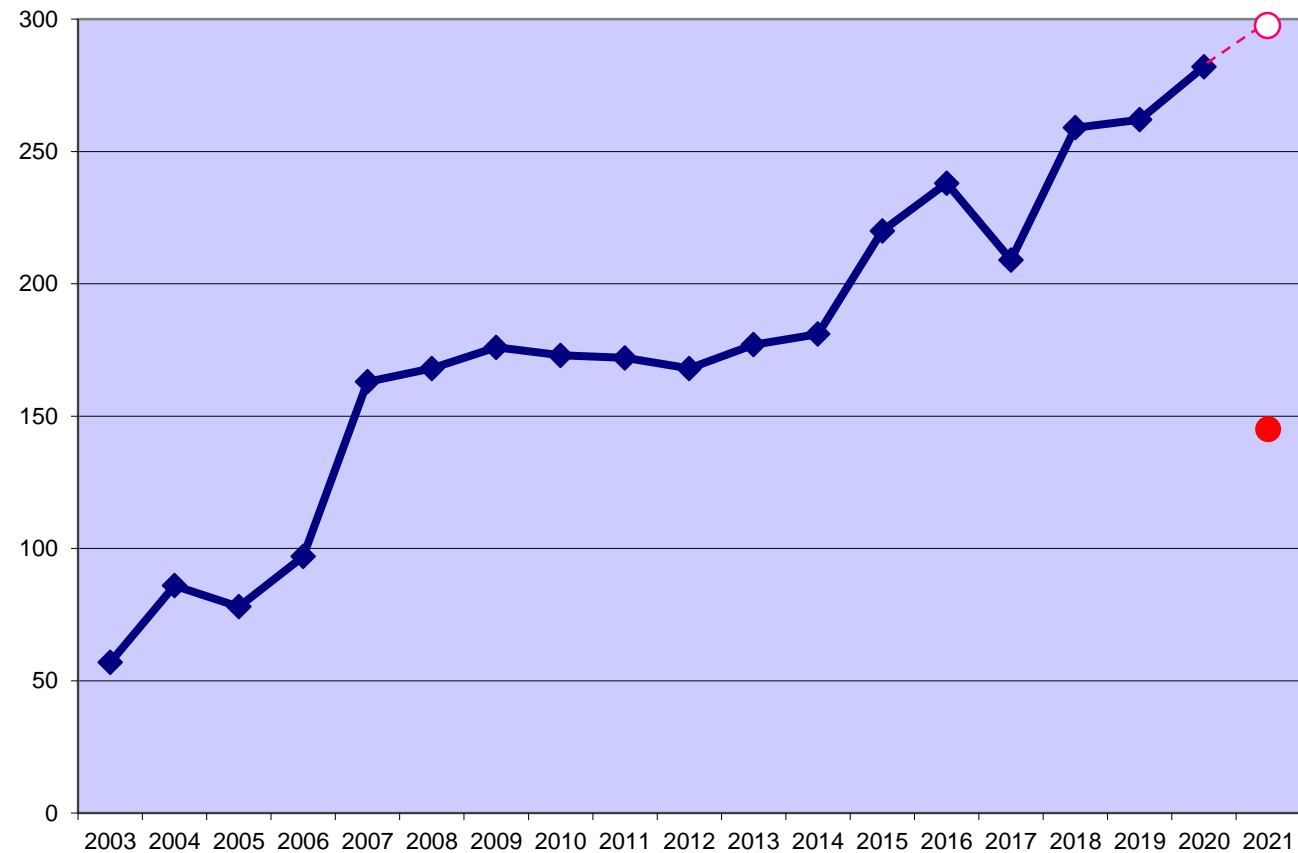


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<http://www.siam.org/journals/siads.php>

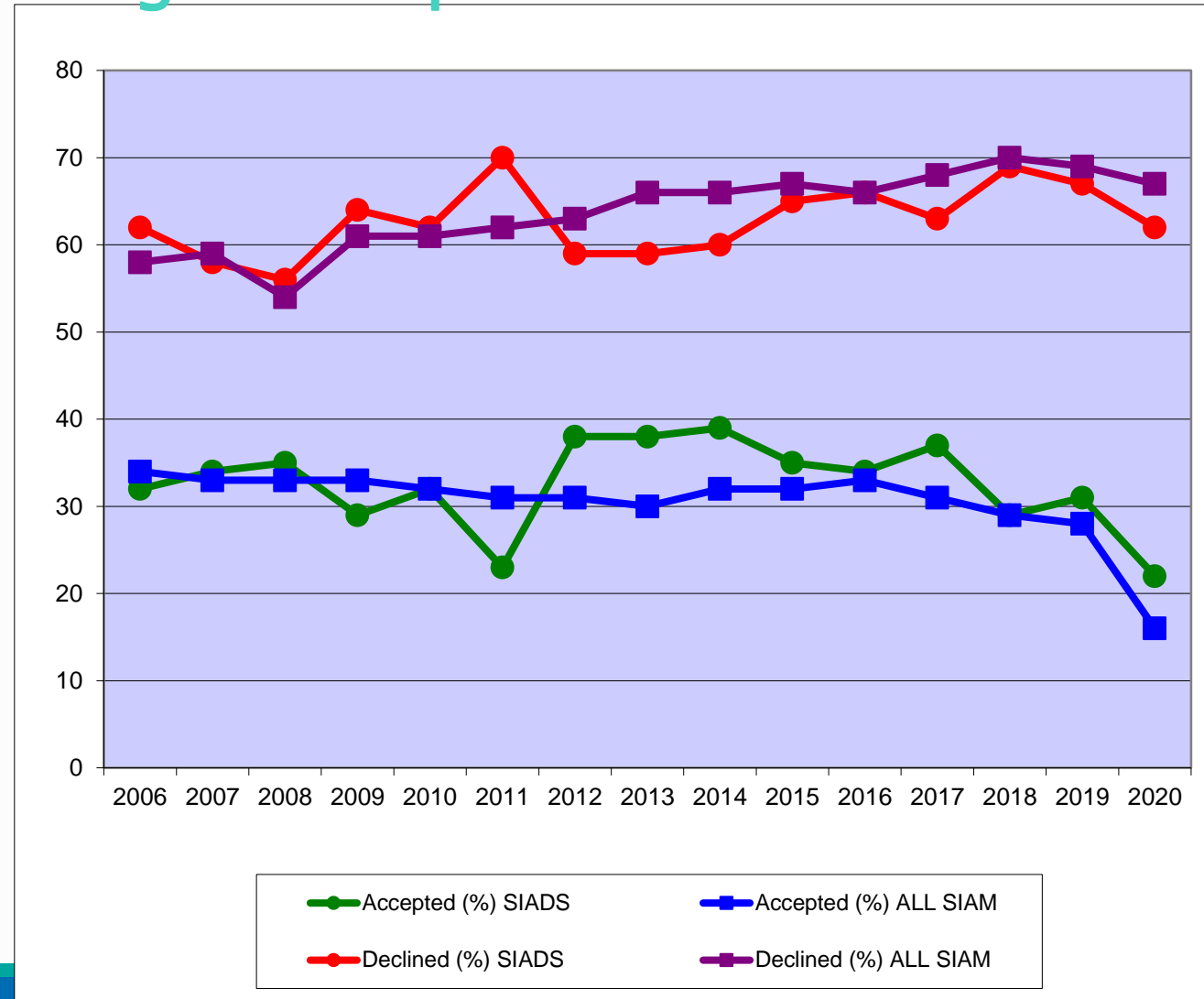


SIADS Submissions



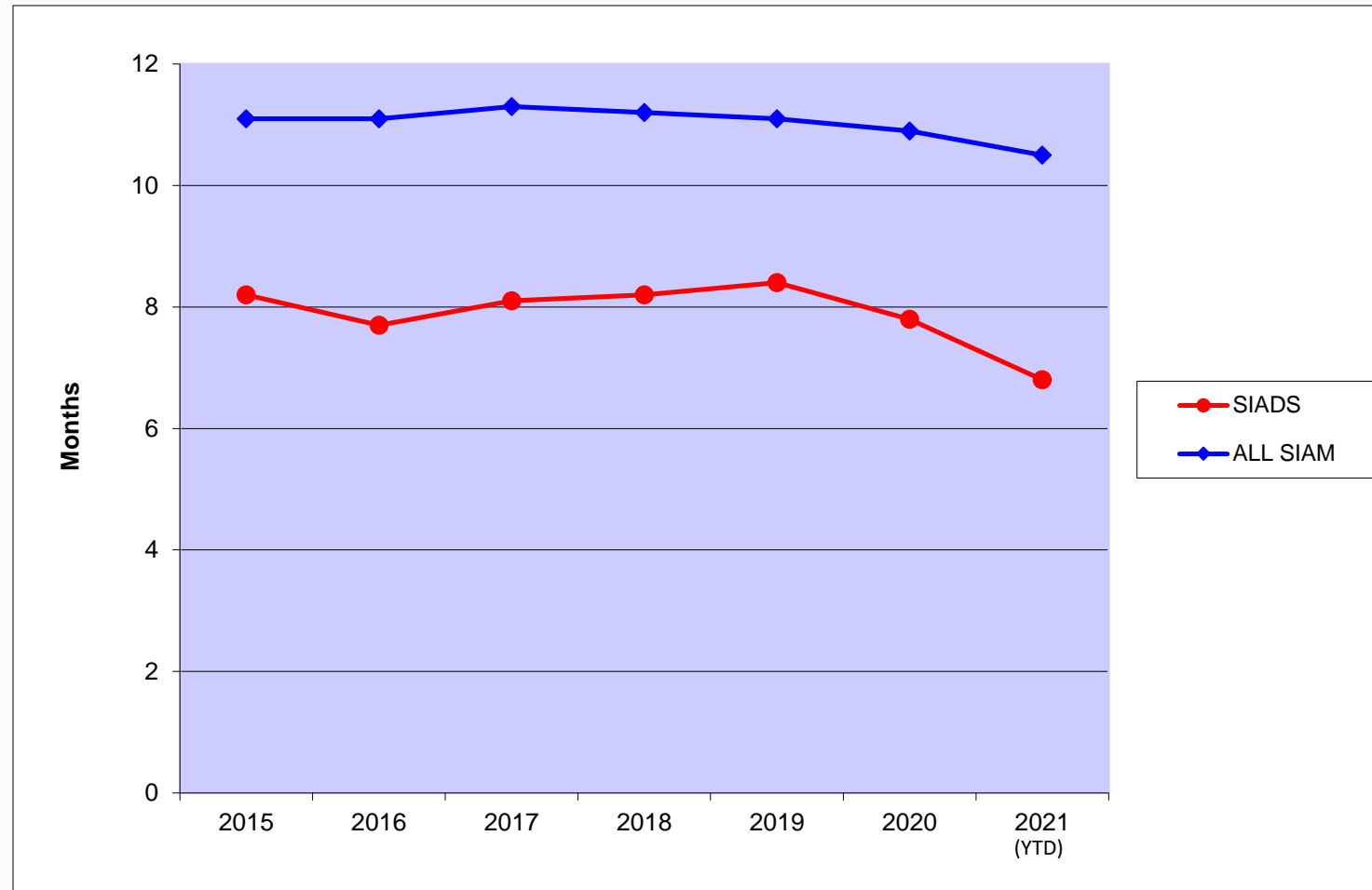
SIADS

Percentages Accepted and Declined



SIADS

Submission to Acceptance



Submit Today

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

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Dynamical Systems Magazine

SIAM Conference on Applications of Dynamical Systems

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



May 23-27, 2021
Virtual/Online Conference
Originally Scheduled for Portland, OR

DS21 Conference is Around the Corner

Korana Burke

DS21 is less than a month away!

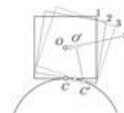
A Brief Summary



Exploring Symmetry in Chaos

Michael Field and Martin Golubitsky

Michael Field and Martin Golubitsky announce the second edition of their book *Symmetry in Chaos: A Search for Pattern in Mathematics, Art, and Nature*. [Read full article... →](#)



A Moving Argument

Mark Levi

Mark Levi talks about stability of a cube resting on a sphere. [Read full article... →](#)

Submit to DSWeb

Professional Opportunities

- Mathematical Biosciences Institute, The Ohio State University
Long-Term Visitor

Conferences and Workshops on Dynamical Systems

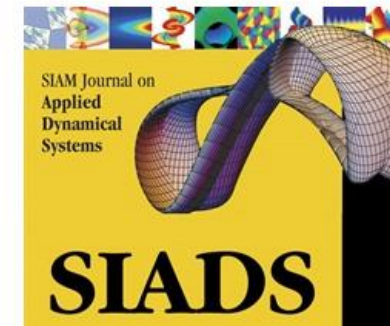
5/23/2021 12:00 AM

SIAM Conference on Applications of Dynamical Systems (DS21)

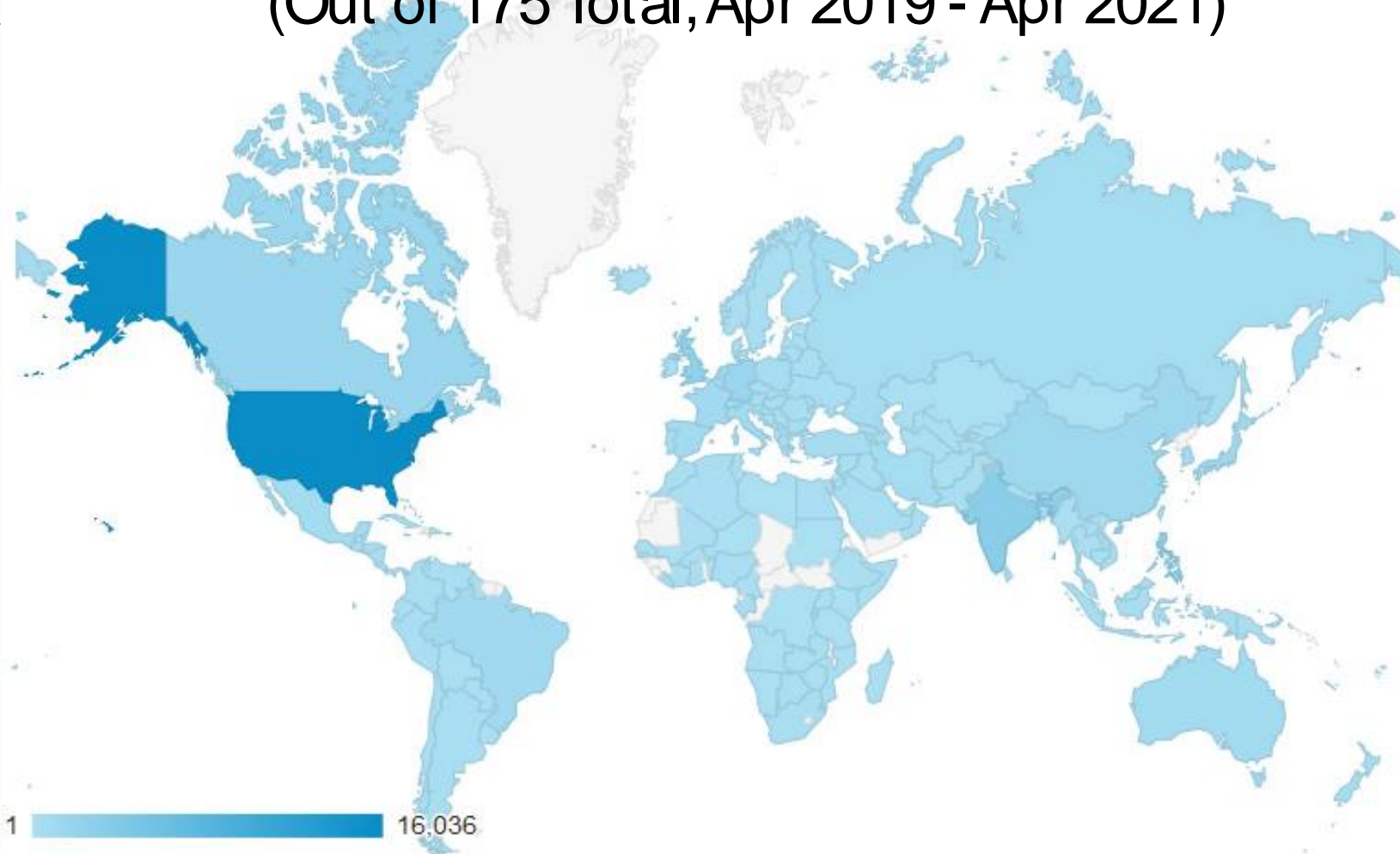
12/1/2021 12:00 AM

Winter Conference of Dynamicists

Announcements



DSWeb Top 20 Represented Countries (Out of 175 Total, Apr 2019 - Apr 2021)



- | | | | |
|---------------------------|--------------------|-----------------------|-----------------------|
| 1. United States (14,260) | 6. Japan (1,567) | 11. Brazil (699) | 16. Mexico (417) |
| 2. India (3,506) | 7. Canada (1,366) | 12. Australia (603) | 17. South Korea (402) |
| 3. China (2,747) | 8. Germany (1,296) | 13. Netherlands (597) | 18. Iran (377) |
| 4. Philippines (2,723) | 9. France (744) | 14. Spain (587) | 19. Turkey (357) |
| 5. United Kingdom (2,146) | 10. Italy (724) | 15. Russia (564) | 20. Belgium (256) |

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SIAG/DS Conference 2021

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*

Organizing Committee

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Elbert Macau, National Institute for Space Research, Brazil

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Gareth Roberts, College of the Holy Cross, U.S.

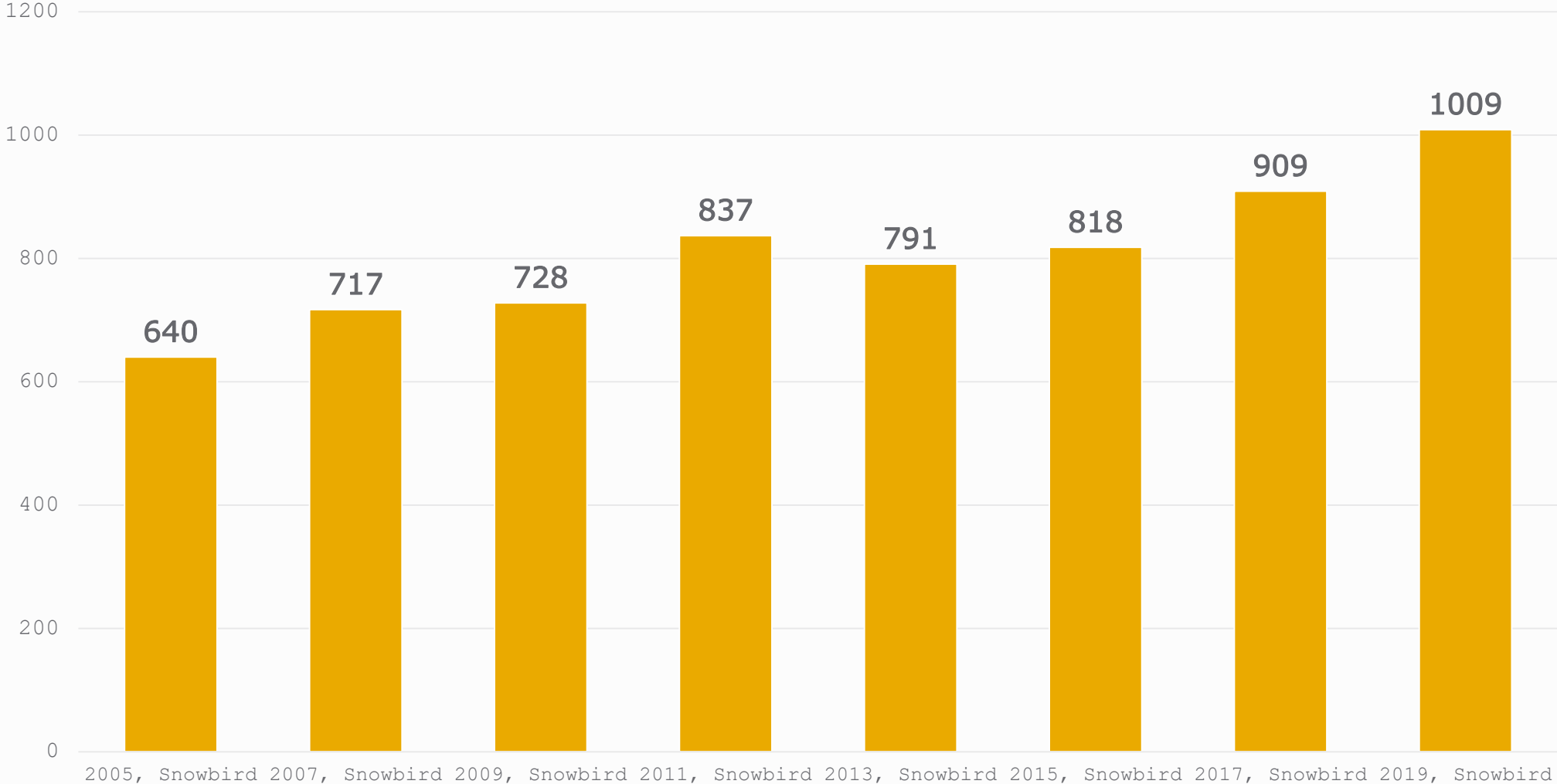
Tim Sauer, George Mason University, U.S.

Mary Silber, The University of Chicago, U.S.

Per Sebastian Skardal, Trinity College, U.S.

Andrea Welsh, University of Pittsburgh, U.S.

SIAG/DS Conference History



2021 Conference Stats

- Minisymposium sessions: 186
- Contributed lectures: 206
- Contributed posters: 139
- Participants: 1328 (as of 5/24)

SIAG/DS CONFERENCE 2023

PORTLAND, OR

MAY 14 - 18, 2023

Other Business

- RUNNING A TRACK AT SIAM ANNUAL MEETING JULY 2022
- ELECTIONS
- HYBRID 2023 CONFERENCE?

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