

July 19, 2021 - SIAG Business Meeting Notes

Had 32 participants at the start of the discussion, 09:00 Central. Meeting started with a slide presentation with updates since the last SIAG Business meeting in 2017.

After the presentation, zoom polls were launched with discussions following each poll. SIAM staff and SIAG Officers did not vote in the numbers below.

Q1- Software as part of ToT Prize (23 submitted):

66% yes
27% no
9% no opinion

Points were made for and against; some discussion was held on having a separate award for software.

Q2- OP23 location priority (23):

61% easy to get to
22% pleasant location
18% No opinion

Locations such as Chicago, Dallas, Orlando and Hawaii were briefly discussed. Some points were made that for US conferences one does not need a local OC. A concern was raised that the locations are significantly restricted by virtue of SIAM doing the organization. *[After business meeting, SIAG/ACDA reached out about possible SIAG/OPT interest in co-locating with ACDA in spring/summer 2023 in US:*

- *ACDA23 cochairs are Lenore Cowen and Uwe Naumann*
- *PC cochairs David Shmoys and Jon Berry]*

Q3- Should we have job fair at OP23 and beyond (21):

72% Yes
0 % No
29% No Opinion

A concern was raised that maybe the SIAG is too small to support a career fair. Location and cost (SIAM is now charging exhibitors to participate) was raised as factors that industry would consider in terms of whether they want to participate in a job fair.

Q4- Should future OPs be hybrid (20):

40% Yes
55% No
5% No Opinion

Richard Moore spoke about Career fairs in other SIAG meetings and SIAM wanting to think carefully about over saturating career fairs given significant overlap in employers participating in SIAM career fairs (CSE, Data Science, ...). He also mentioned that SIAM is currently reviewing different modality options for all future SIAM conferences.

2021 SIAG/OPT

SIAM Conference on Optimization
Optimization Business Meeting



2021 SIAG/OPT BUSINESS MEETING

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SIAG/OPT Officers

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Jesus Antonio De Loera

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Xiaojun Chen

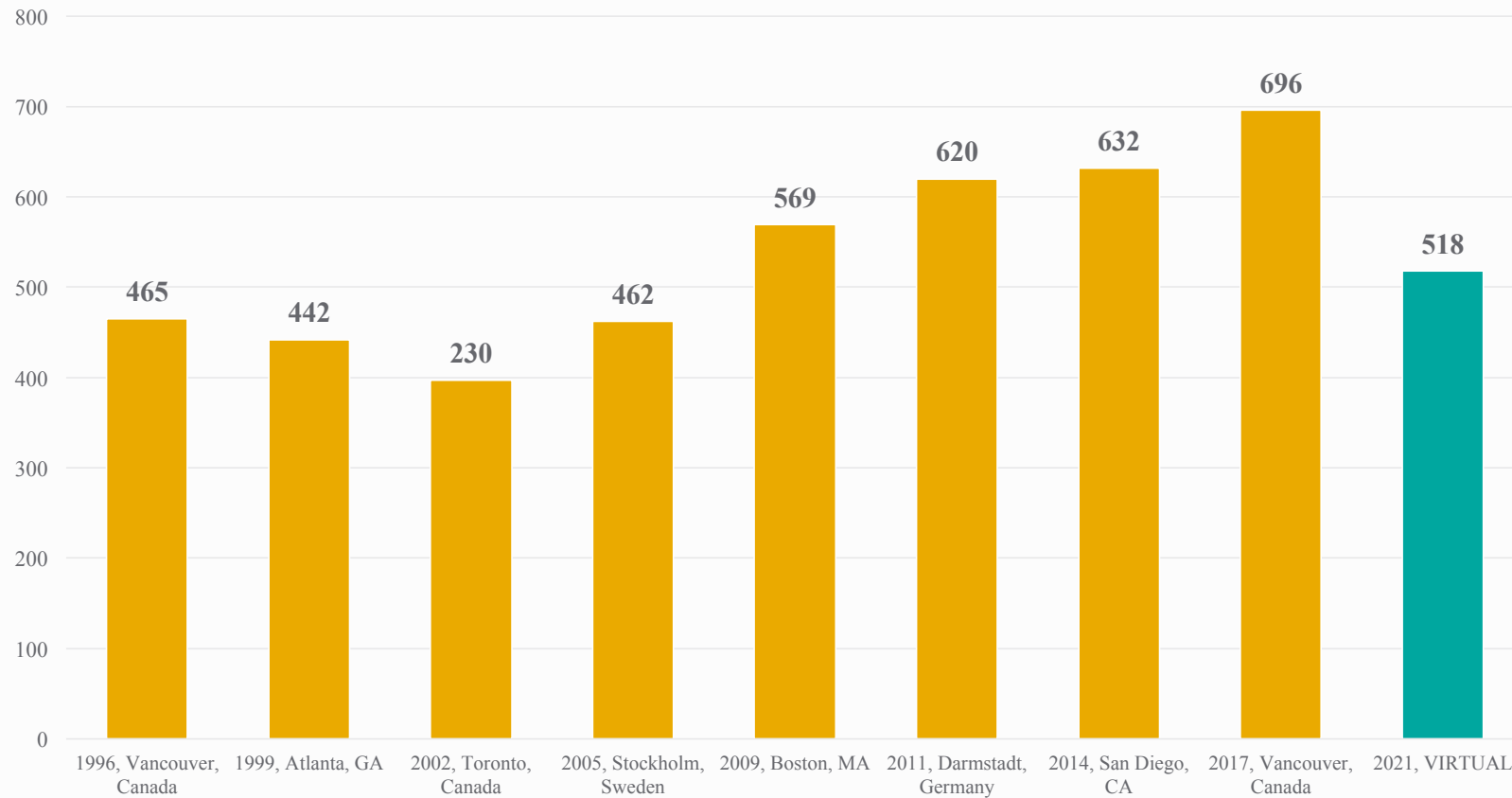
Andreas Waechter

SIAG/OPT Announcements

- SIAG/OPT electronic mailing list updates
- SIAM Engage
- SIAG/OPT websites:
 - <https://www.siam.org/membership/activity-groups/detail/optimization>
 - http://wiki.siam.org/siag-op/index.php/Main_Page
- SIAM Blogs
- SIAM News: Story Ideas
- SIAG/OPT Leadership Suggestion Form:
 - <https://www.siam.org/forms/siam-activity-group-leadership-form>

SIAG/OPT Conference History

■ Pre-registration only



SIAG/OPT Conference 2021

Organizing Committee Co-Chairs

Defeng Sun, The Hong Kong Polytechnic University, Hong Kong
Tamás Terlaky, Lehigh University, U.S.

*

Organizing Committee

Adil Bagirov, Federation University, Australia
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Gabriele Eichfelder, Technische Universität Ilmenau, Germany
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Akiko Yoshise, University of Tsukuba, Japan

SIAG/OPT Conference Original 2020

Local Organizing Committee Co-Chairs

Xiaojun Chen, PolyU

Defeng Sun, PolyU

Local Organizing Committee

Chuanying Dang, City University of Hong Kong

Ting Kei Pong, PolyU

Anthony Man-cho So, The Chinese University of Hong Kong

Xiaoqi Yang, PolyU

Xiaoming Yuan, Hong Kong University

Man-Chung Yue, PolyU

Zaikun Zhang, PolyU

SIAG/OPT **Views and News**

Co-editors

Pietro Belotti

Somayeh Moazeni

[Volume 28, No. 1, December 2020](#)

[Volume 27, No. 2, November 2019](#)

[Volume 27, No. 1, January 2019](#)

[Volume 26, No. 1, May 2018](#)

[Volume 25, No. 2, December 2017 'SIAM OP17'](#)

SIAG/OPT **Best Paper Prize** Friday, July 23 11:45am-12:45pm ET

Recipients: Hamza Fawzi (University of Cambridge, United Kingdom), Pablo A. Parrilo (Massachusetts Institute of Technology, U.S.), and James Saunderson (Monash University, Australia)



Citation: The prize is awarded to Hamzai Fawzi, Pablo A. Parrilo, and James Saunderson for their paper, “Semidefinite Approximations of the Matrix Logarithm,” *Foundations of Computational Mathematics* (April 2019), and recognizes them for proposing an efficient semidefinite programming approximation of the matrix logarithm.

Selection Committee: Mihai Anitescu (Chair), Erling Andersen, Thomas Coleman, Monique Laurent, and Akiko Yoshise

SIAG/OPT **Early Career Prize** Friday, July 23 12:45-1:30pm ET

Recipient: John C. Duchi, Stanford University, U.S.



Citation: The prize is awarded to John C. Duchi for his deep and important contributions to convex, nonconvex, and stochastic optimization as well as to the statistical foundations of optimization methods for data science.

Selection Committee: Miguel Anjos (Chair), Marina Epelman, Jennifer Erway, Arvind Raghunathan, and Stefan Ulbrich

Gene Golub SIAM Summer School

Financial Analytics: Networks, Learning, and High Performance Computing

August 1–12, 2022

Gran Sasso Science Institute (GSSI), L'Aquila, Italy

Application Deadline: **February 7, 2022**

The school will offer an introduction to Quantitative Risk Management in Finance, Energy and Commodity Markets, Machine Learning and Financial Technology, and Mean field Games. Students will be exposed to the economic and managerial implications of these subjects, and to tools of applied probability, optimization, and computational techniques.



For more information visit: siam.org/students/g2s3

SIAG/OPT 2023

Location: In the US

Timing: Spring/Summer 2023

Program committee Co-Chairs

Jeff Linderoth (U Wisconsin)

Coralia Cartis (Oxford U)

New award proposal

Test of Time Award

awarded to an individual or a group of researchers for an outstanding work which had significant and sustained influence on the field of optimization over a time period of 10 to 20 years preceding the year of the award. The award is aimed at mid-career researchers, but no restrictions are imposed on the time since the awardee's doctoral degree.

2021 SIAG/OPT

Membership Report

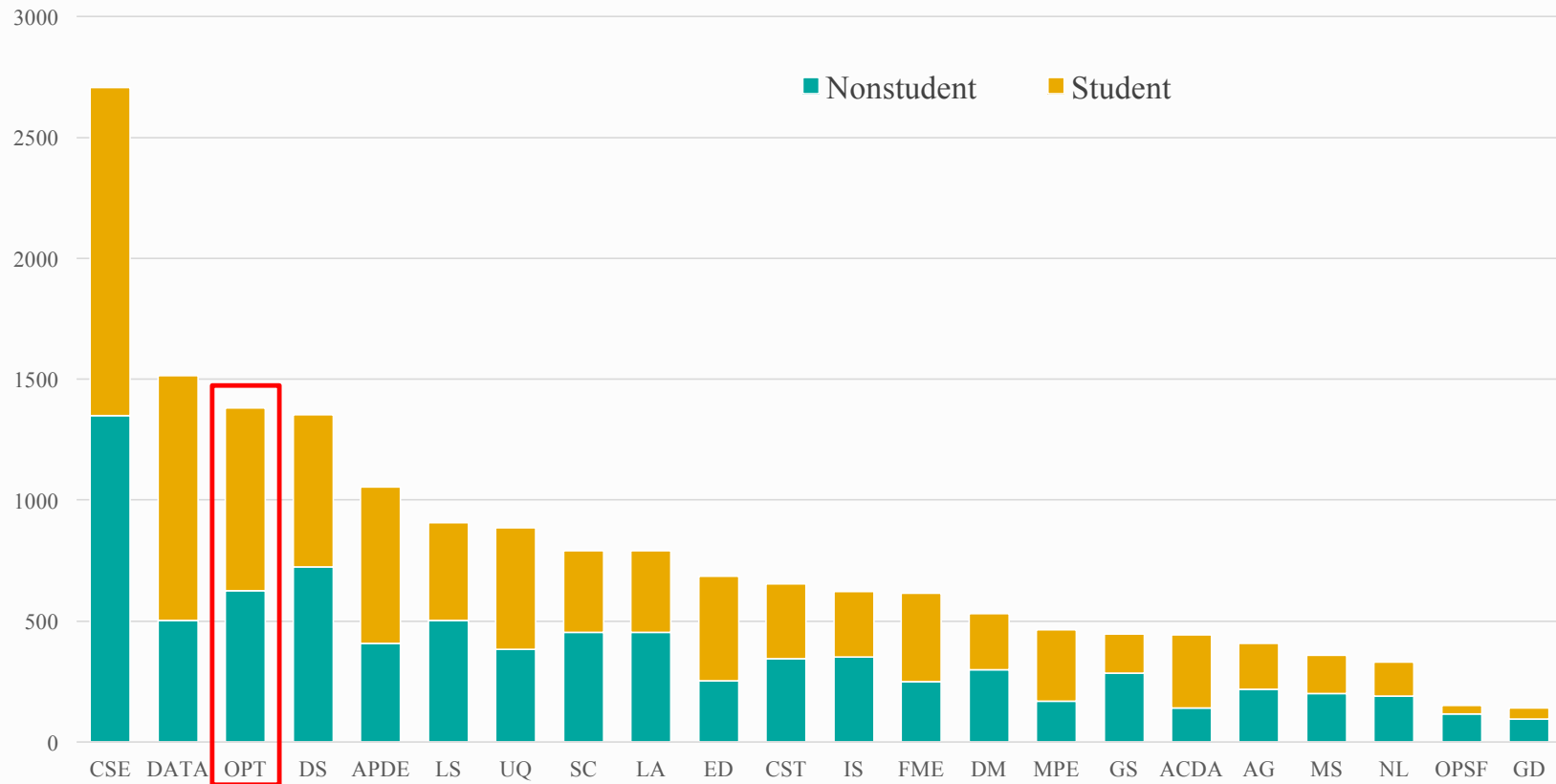
(data as of December 31, 2020)



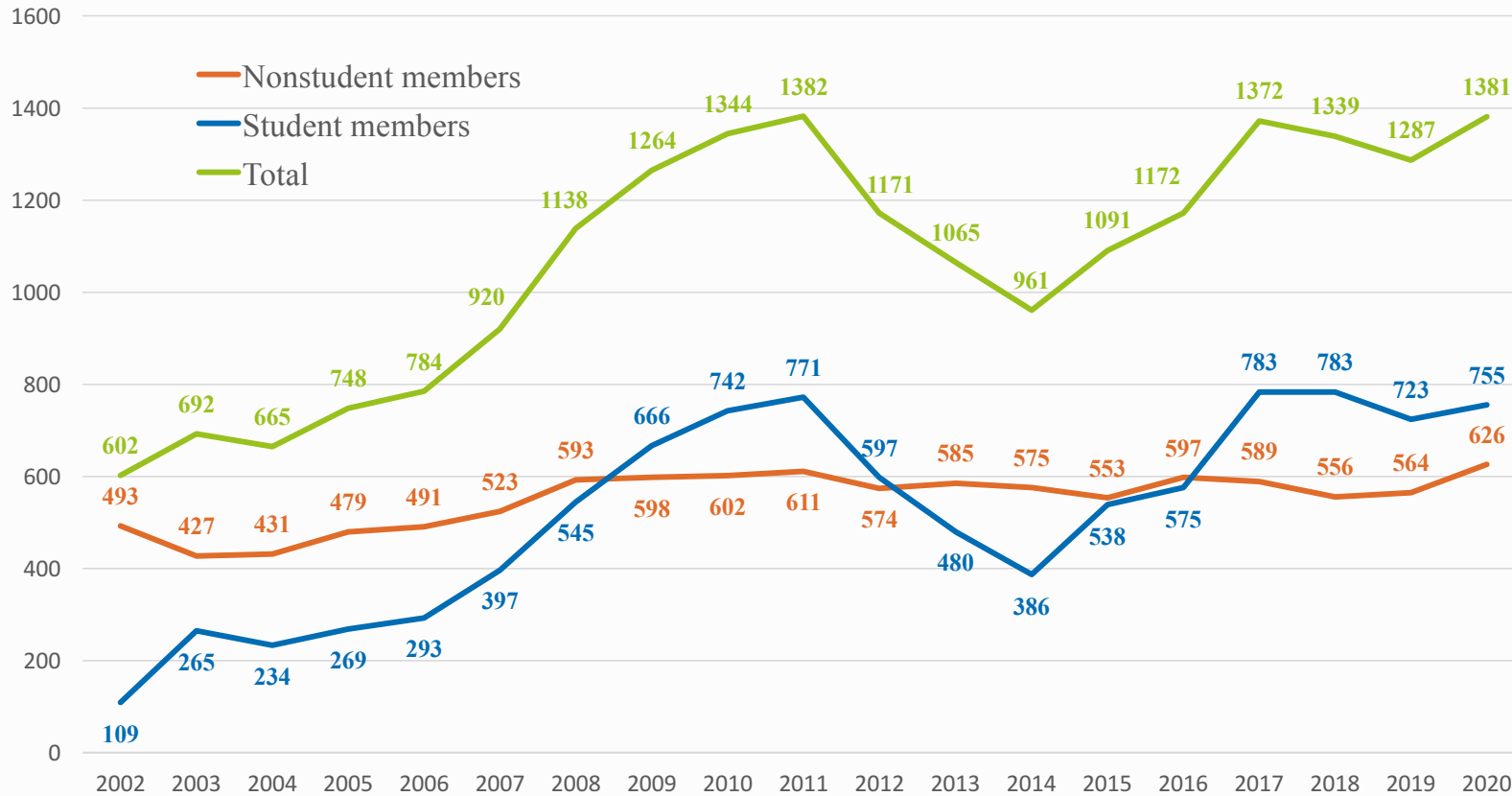
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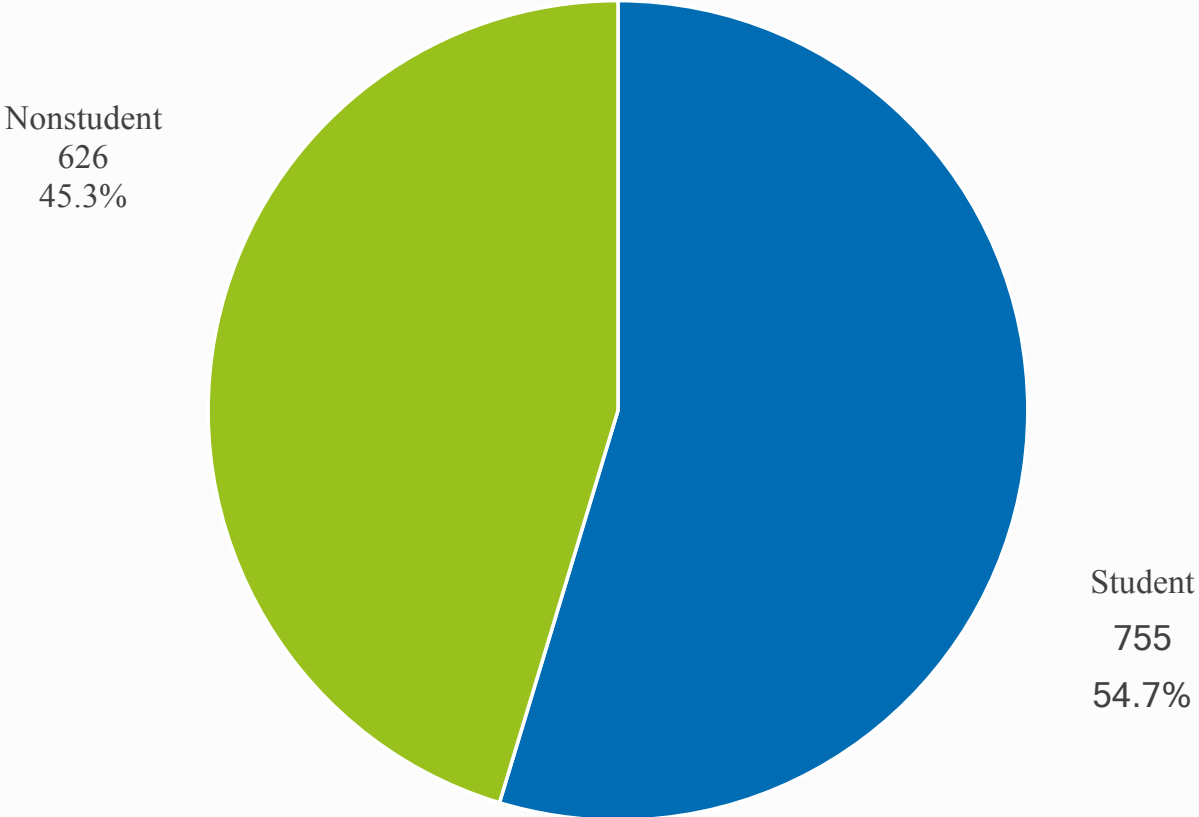
SIAG Overall Membership



SIAG/OPT Membership Demographics



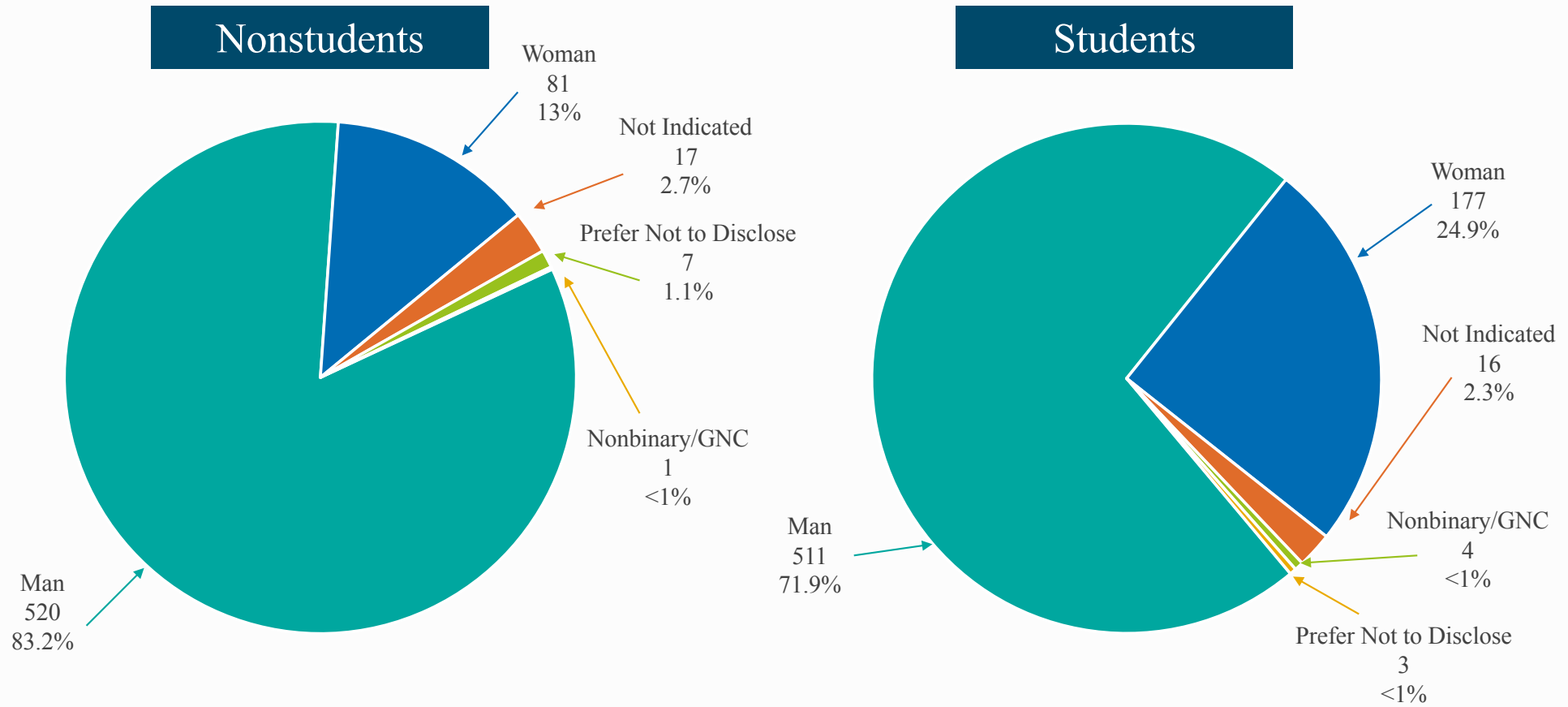
SIAG/OPT Membership Demographics



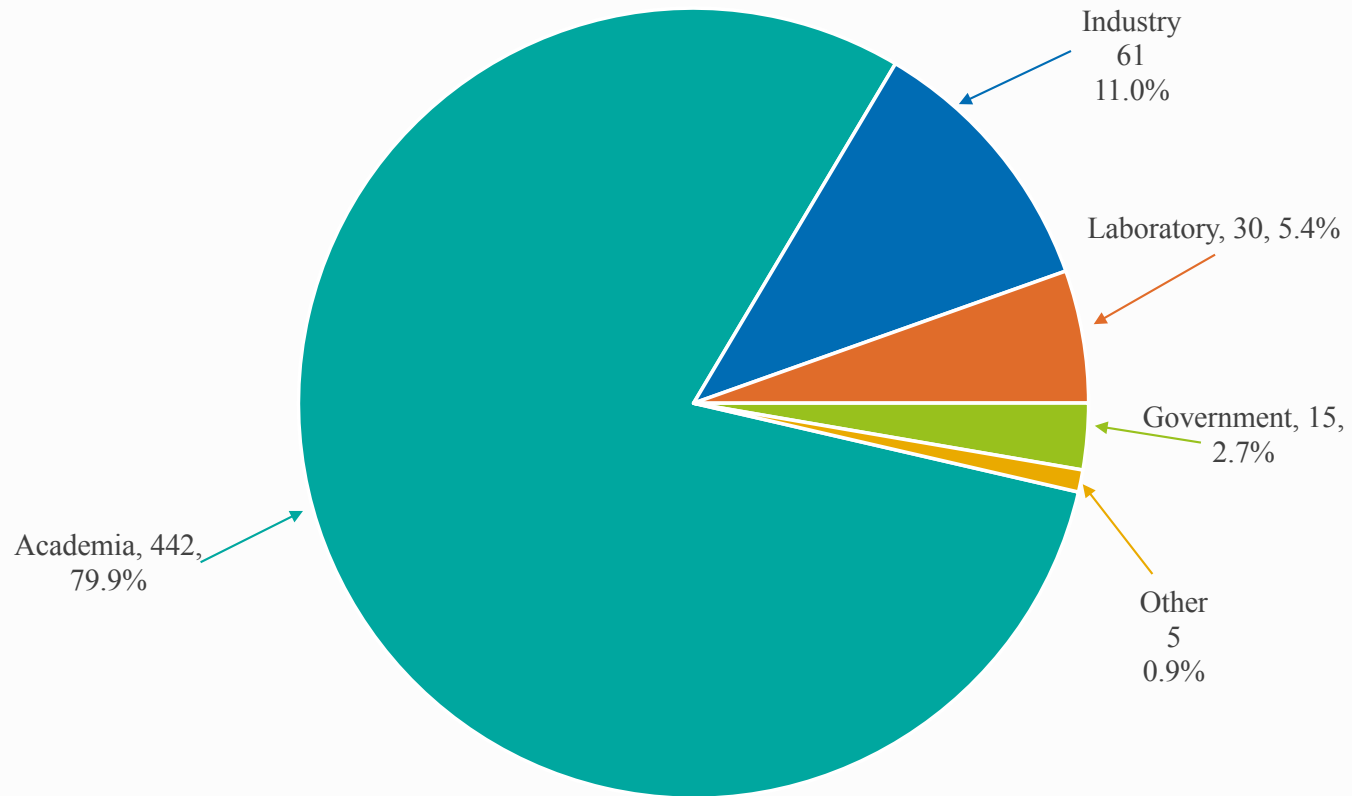
SIAG/OPT Membership by Geography

	US		Non-US		Total	
Nonstudent	343	24.8%	283	20.5%	626	45.3%
Student	474	34.3%	281	20.4%	755	54.7%
Total	817	59.1%	564	40.9%	1381	

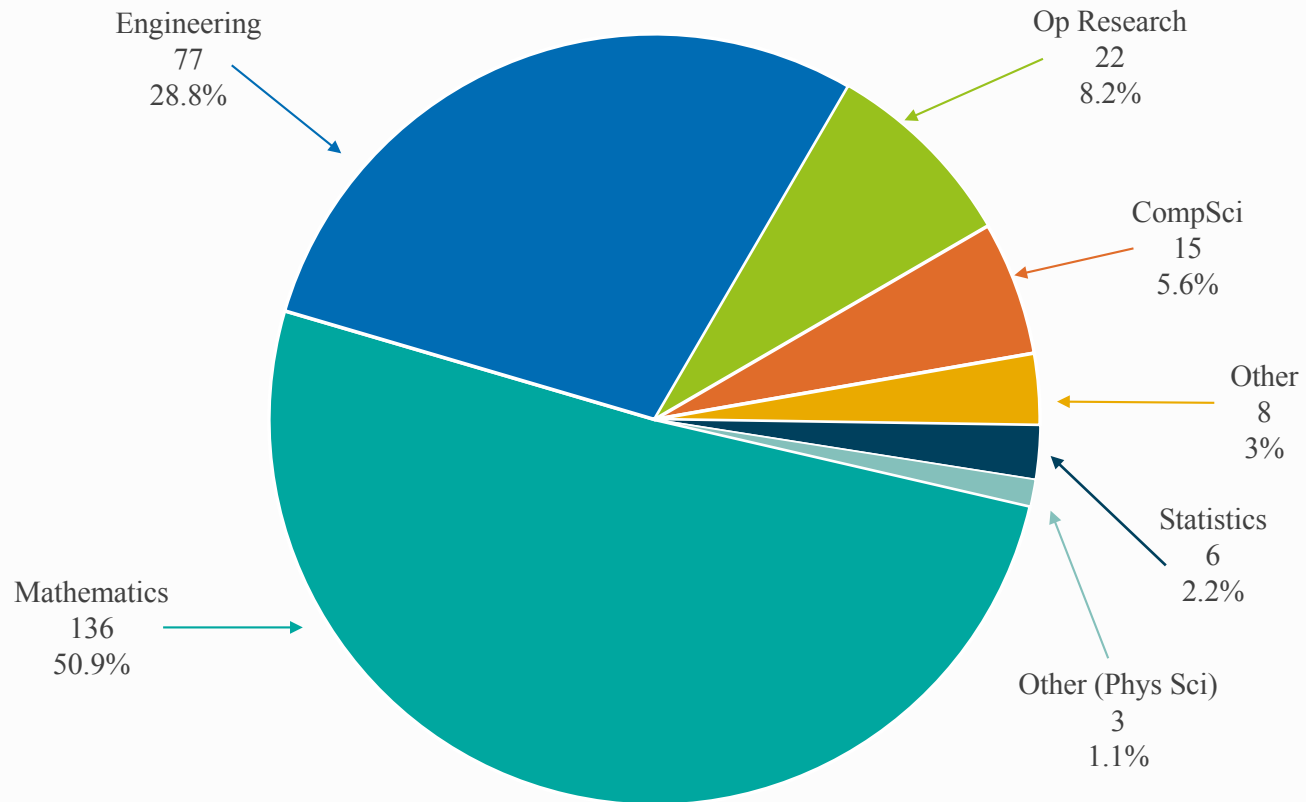
SIAG/OPT Membership by Gender



SIAG/OPT Membership by Employer Type



SIAG/OPT Membership by Department Type



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- *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

Other Business

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