

Minutes of the SIAG-LA business meeting 2021

by Melina Freitag

The SIAG-LA business meeting was held 4pm (CEST), April 28 2021, via Zoom hosted by SIAM.

Talk Nick Higham presented a talk on “Completing and Thresholding Symmetric Positive Definite Matrices” which was well-received.

Presentation Valeria Simoncini (VS), SIAG-LA Chair, presented information about the SIAG/LA.

SIAG/LA Prize winners and SIAM Fellows . VS congratulated the 2019, 2020 and 2021 SIAM Fellows from the SIAG/LA. The SIAG/LA congratulated Michel Crouzeix (University of Rennes) and Cesar Palencia (University of Valladolid), who received the SIAG/LA Best Paper Prize and Theo Mary (Paris) who won the Early Career Prize. VS also thanked the prize committees and invited nominations for the next round.

2021 meeting A healthy number of participants has been at recent SIAM/ALA meetings (423 in Hong Kong in 2021), Tim Fest (TF) notes that currently (2 weeks before the meeting) 373 participants are registered for this year’s SIAM ALA meeting which will take place online and the cancelled ILAS meeting of 2020 will be embedded within SIAM/ALA. VS thanked the co-chairs Misha Kilmer and Andreas Stathopoulos.

Membership report The membership numbers are healthy and has been stable over the years. The number of students part of the SIAG has dropped slightly. TF notes that students members can get two free SIAG memberships. VS noted the female membership is relatively low with 16-19 %. Michele Benzi asked for a comparison to other SIAGs. TF noted that the female numbers are similar to SIAM overall and female percentages are usually slightly higher among the student members.

Activities VS reported on activities for 2020, in particular the online seminar initiative E-NLA which has been running since April 2020 and has been received very positively and the ”Communications in NLA” jointly run by junior members of the SIAG. Both of these initiatives were endorsed by SIAM. VS also reported about the new logo and SIAM Engage. VS invited ideas for SIAM News and the SIAM Blog and informed about the Twitter account.

Next SIAM ALA Conference VS initiated a call for proposals to hold the next SIAM ALA Conference in 2024 with a deadline for submission of interest for June 14th to be sent to Melina Freitag. The meeting can be outside of the USA, as this year’s meeting was supposed to be in the US. Daniel Szyld suggests New Orleans as a venue for the 2024 meeting. The SIAG officers will check with SIAM.

G2S3 Jörg Liesen, as the current Chair of the G2S3 committee reports on the status of the G2S3 Summer Schools, in particular in light of the pandemic. Applied Linear Algebra has always been very prominent in those schools. TF notes the call for the next G2S3 will come out later this year.

Further activities The current officers will finish their terms at the end of 2021, elections for new officers will occur later in the year. Members were requested to think of possible nominations, and to look out for the nomination call. VS asked to stay in touch with SIAG/LA and encourage SIAG/LA subscriptions.

Ilse Ipsen thanked the current officers for their work. The online meeting closed around 17:10.

2021 SIAG/LA

SIAM Conference on Applied
Linear Algebra

Linear Algebra Business Meeting

siam
2021 | Conference on
Applied Linear Algebra

2021 SIAG/LA BUSINESS MEETING

siam | Society for Industrial and
Applied Mathematics

SIAG/LA Officers

Chair:

Valeria Simoncini

*

Vice Chair:

Melina A. Freitag

*

Program Director:

Miroslav Tuma

*

Secretary:

Christine Klymko

SIAG/LA Announcements

- SIAG/LA electronic mailing list updates
- SIAM Engage
- SIAG/LA websites:
 - <https://www.siam.org/membership/activity-groups/detail/linear-algebra>
 - SIAM News: Story Ideas
- SIAM Blogs
- SIAG/LA Leadership Suggestion Form:
 - <https://www.siam.org/forms/siam-activity-group-leadership-form>

SIAG/LA Fellows

Class of 2019

Froilan Dopico

Andreas Frommer

Misha Kilmer

Class of 2020

Martin Gander

Laura Grigori

Olaf Schenk

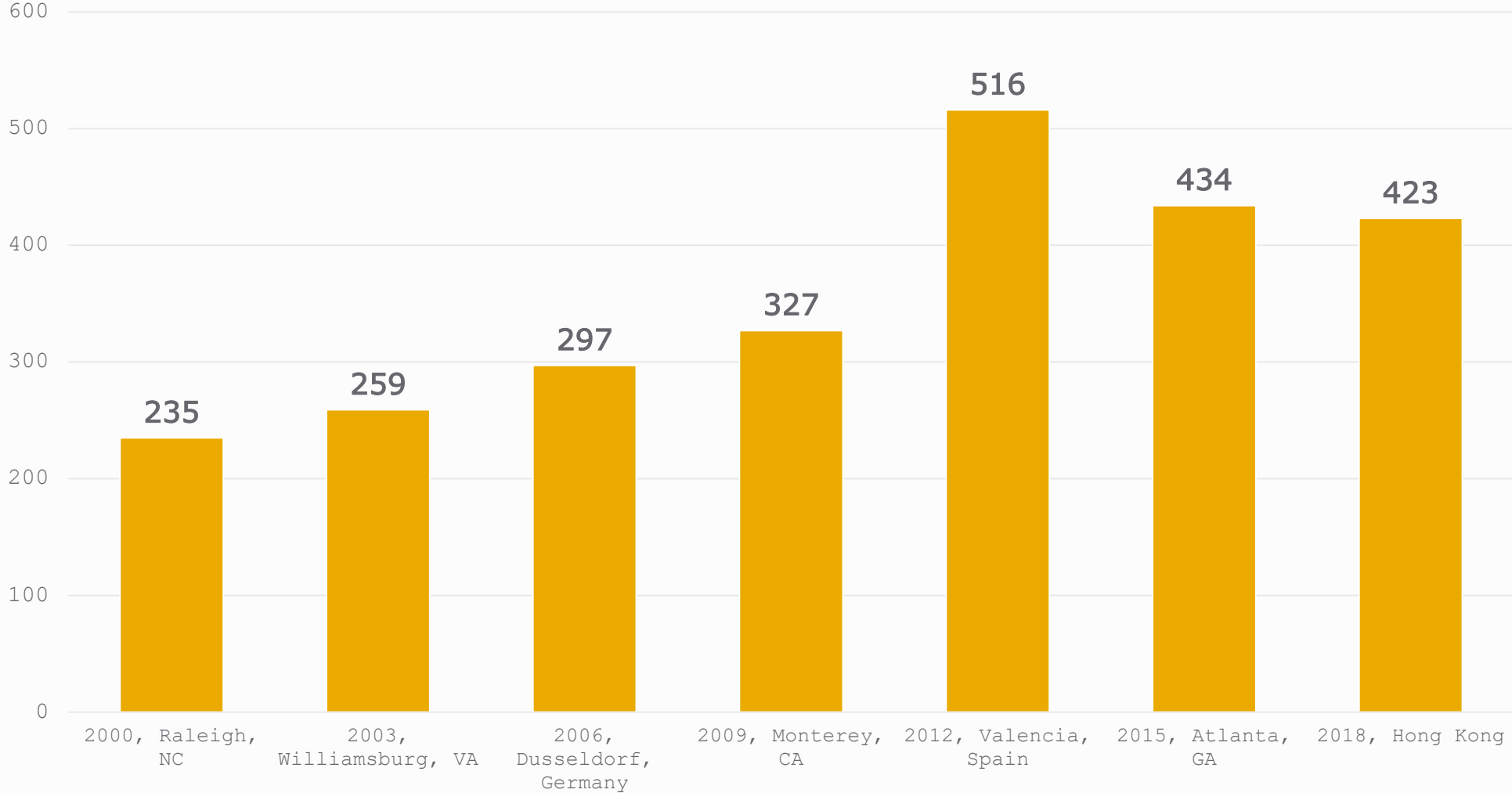
Class of 2021

Edmond Chow

Per-Gunnar Martinsson

Jennifer Scott

SIAG/LA Conference History



SIAG/LA Conference 2021

Organizing Committee Co-Chairs

Misha Kilmer, Tufts University, U.S.

Andreas Stathopoulos, William & Mary, U.S.

*

Organizing Committee

Evrin Acar Ataman, Simula Metropolitan Center for Digital Engineering, Norway

Ken Clarkson, IBM Research, U.S.

Mark Embree, Virginia Tech, U.S.

Xiaoye Sherry Li, Lawrence Berkeley National Laboratory, U.S.

Per Gunnar Martinsson, University of Texas at Austin, U.S.

Nicola Mastronardi, Consiglio Nazionale delle Ricerche, Italy

Luke Olson, University of Illinois at Urbana-Champaign, U.S.

Jennifer Pestana, University of Strathclyde, Scotland

Miroslav Tuma, Charles University in Prague, Czech Republic

Weichung Wang, National Taiwan University, Taiwan

Ulrike Meier Yang, Lawrence Livermore National Laboratory, U.S.

Lexing Ying, Stanford University, U.S.

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>

Future conferences?

LOCATION

TIMING

PROGRAM COMMITTEE

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/LA

Membership Report

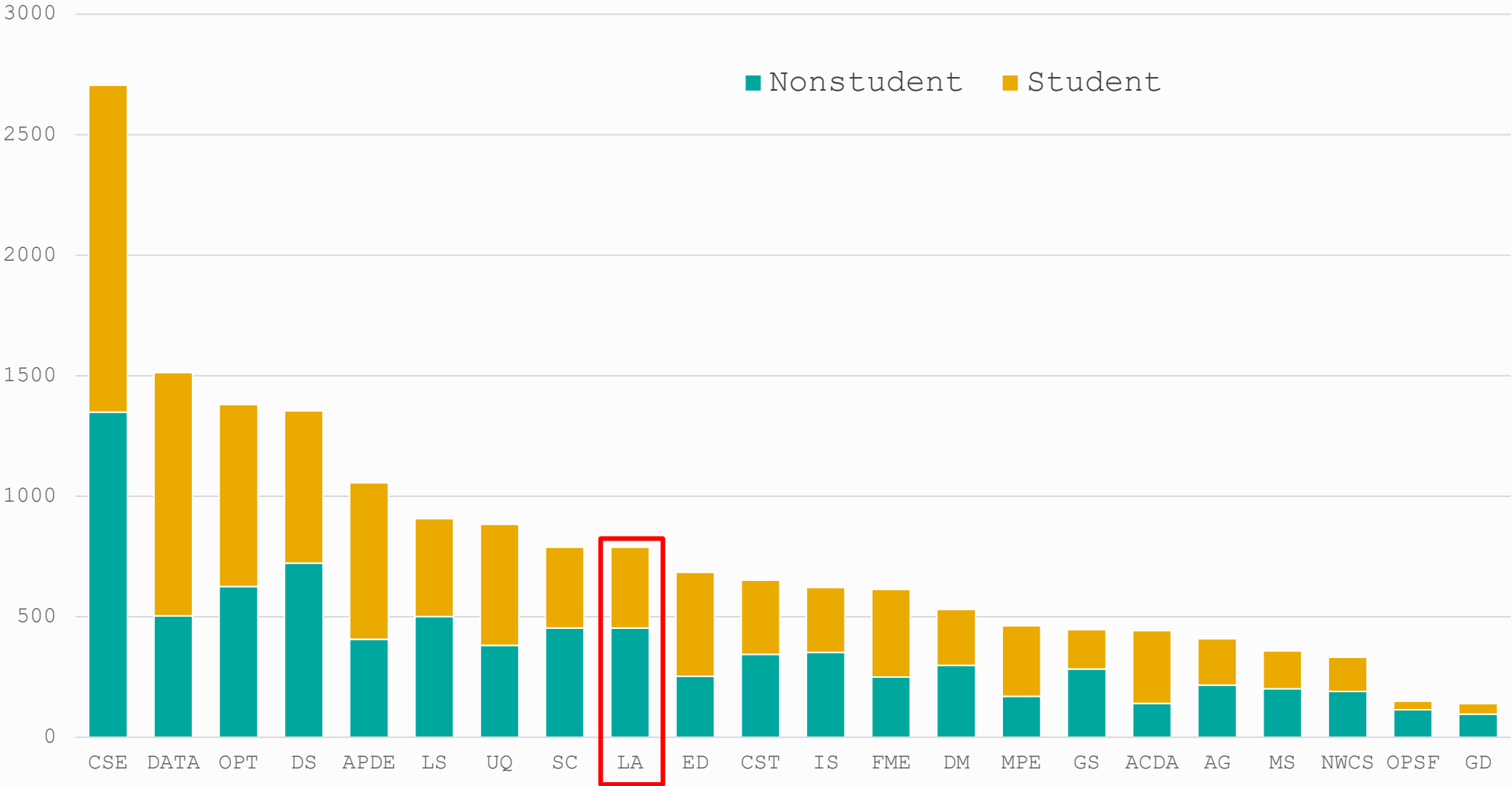
(data as of December 31, 2020)

siam | Conference on
2021 | Applied Linear Algebra

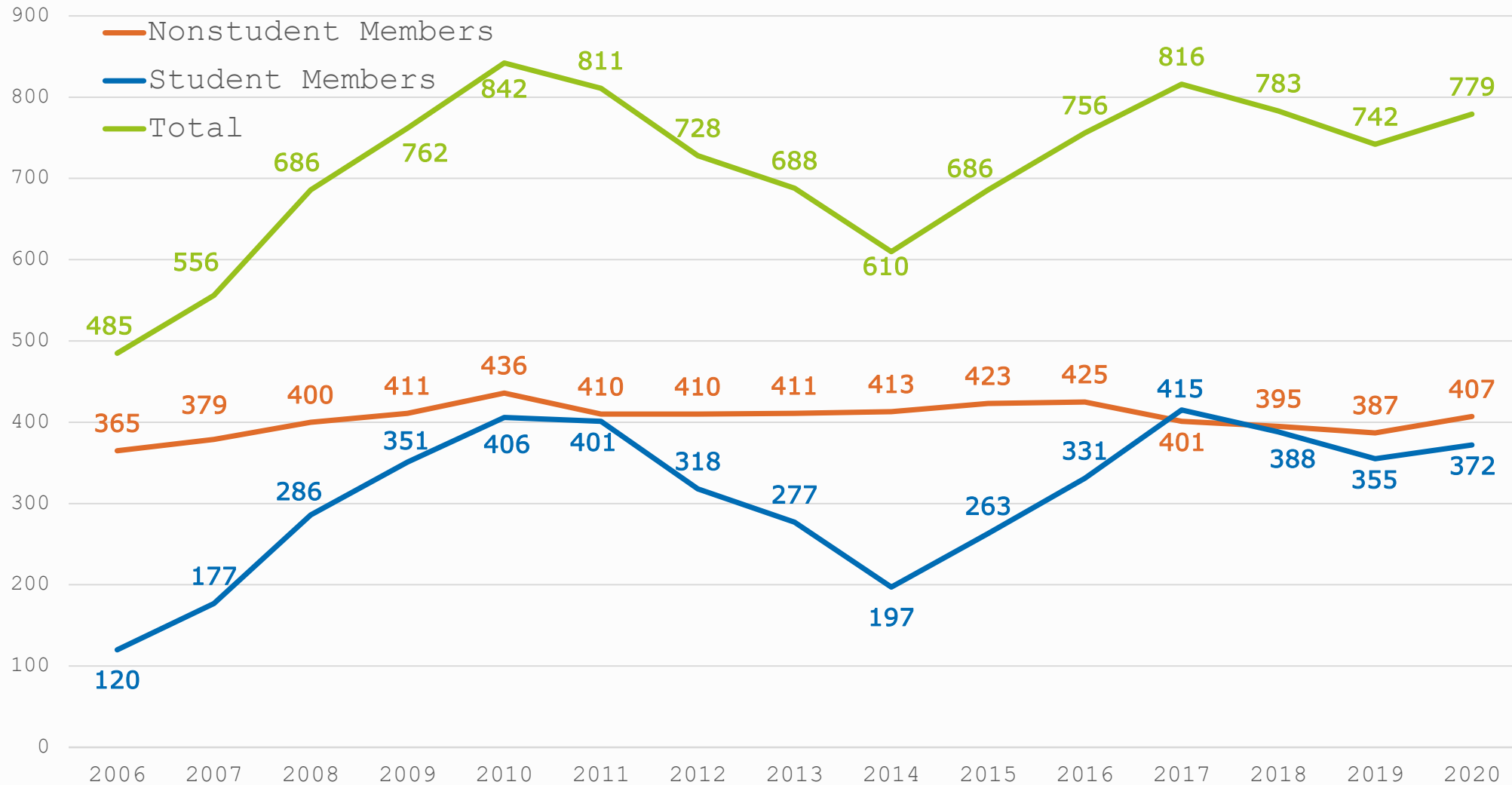
2021 SIAG/LA BUSINESS MEETING

siam | Society for Industrial and
Applied Mathematics

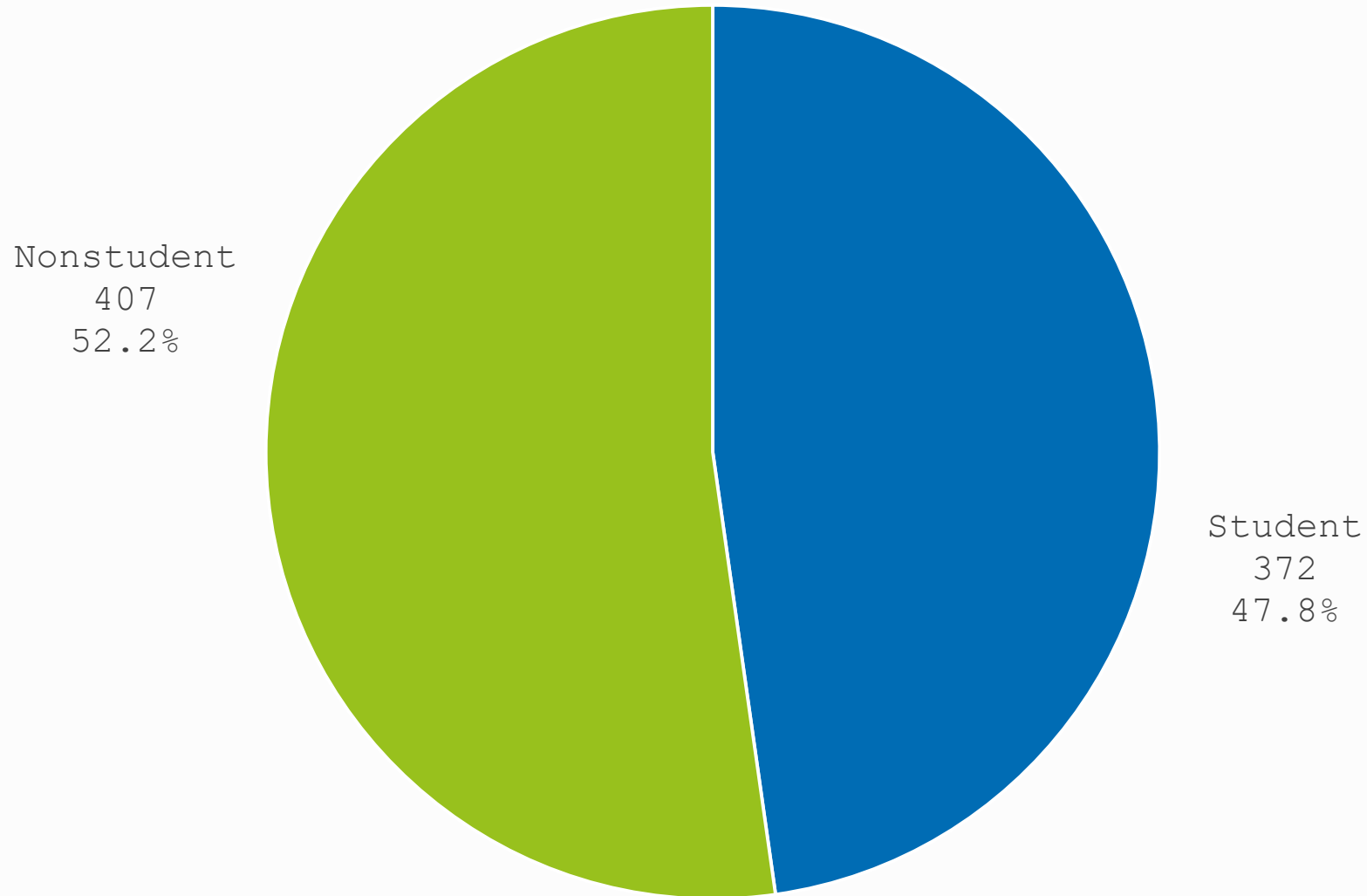
SIAG Overall Membership



SIAG/LA Membership Demographics



SIAG/LA Membership Demographics

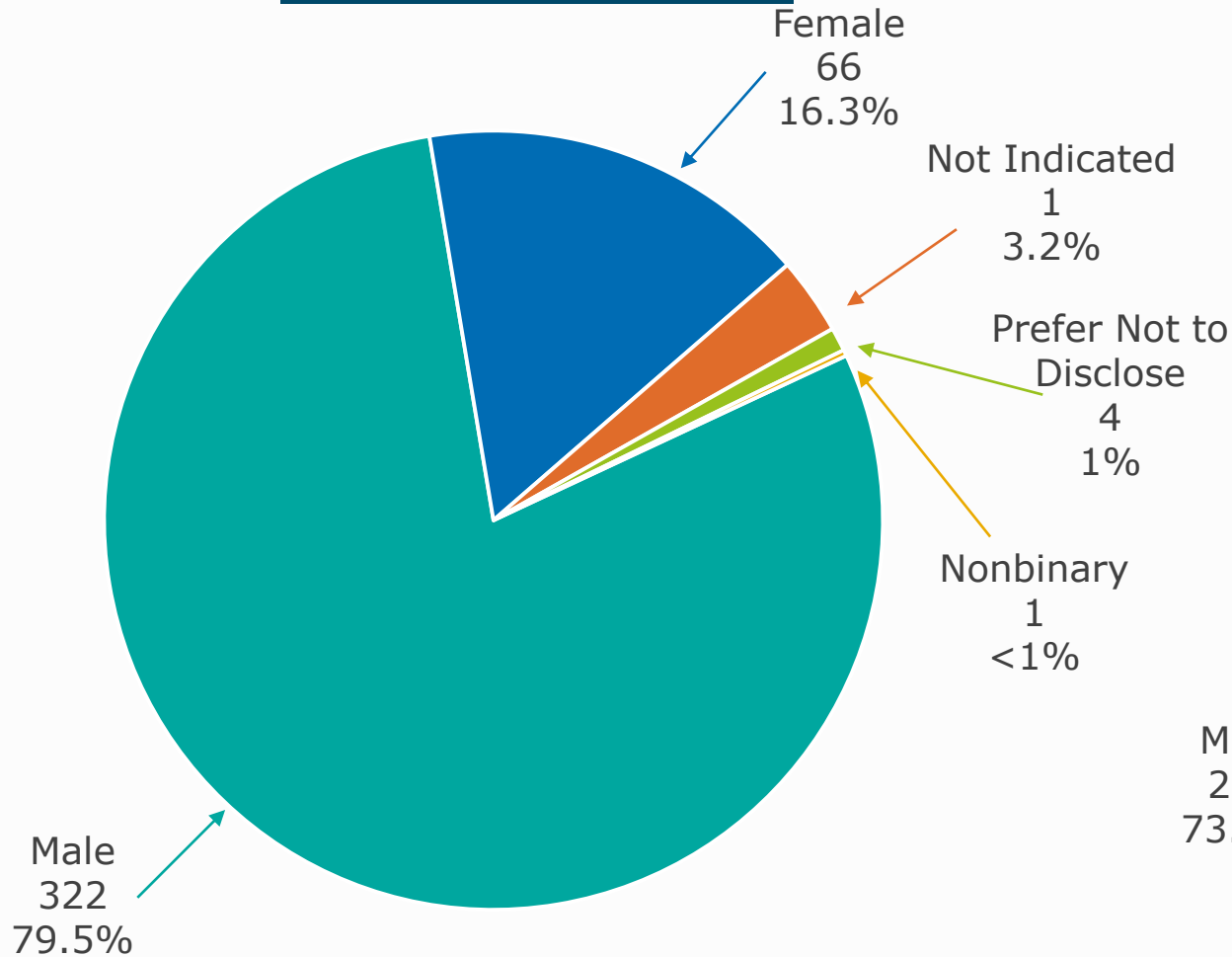


SIAG/LA Membership by Geography

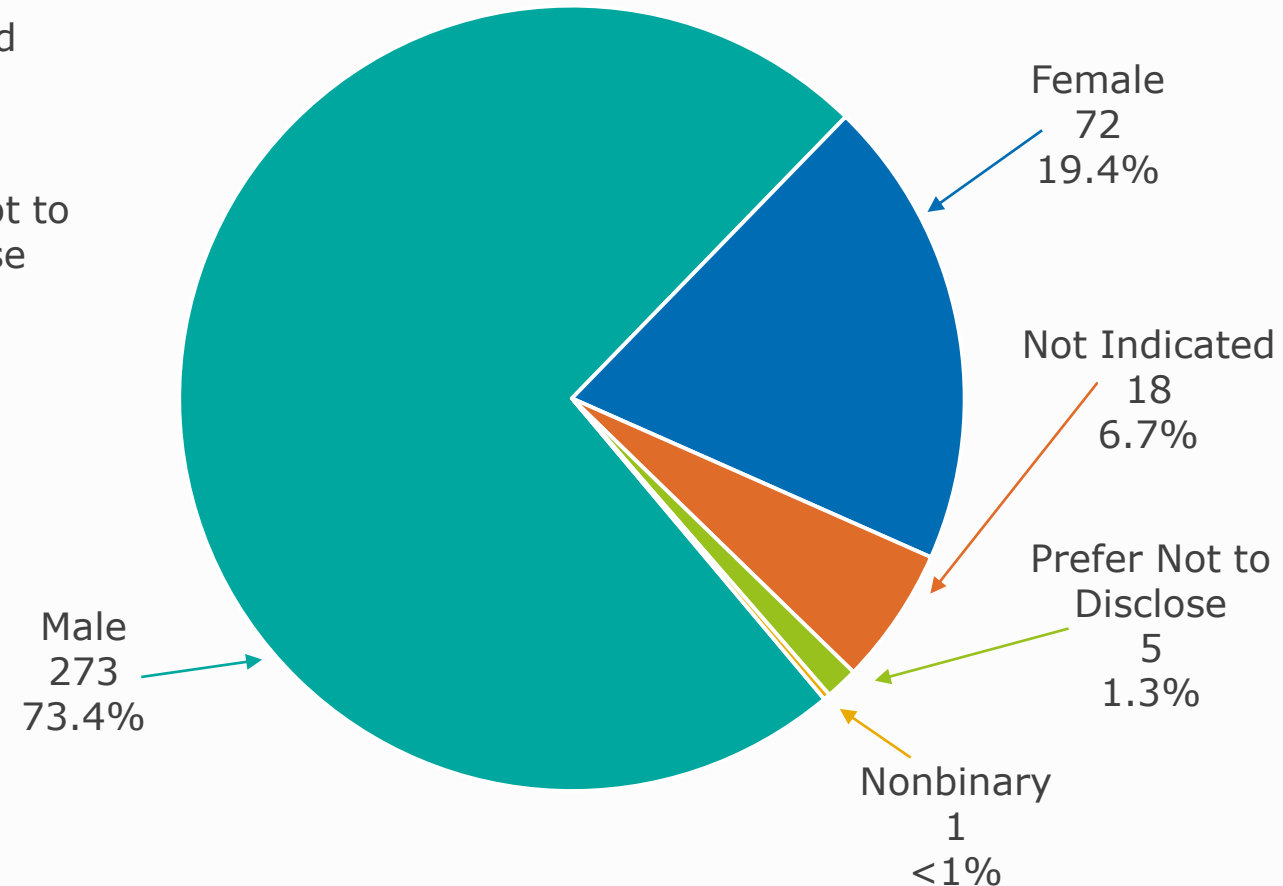
	US		Non-US		Total	
Nonstudent	216	27%	191	25%	407	52%
Student	251	32%	121	16%	372	48%
Total	467	59%	312	41%	779	

SIAG/LA Membership by Gender

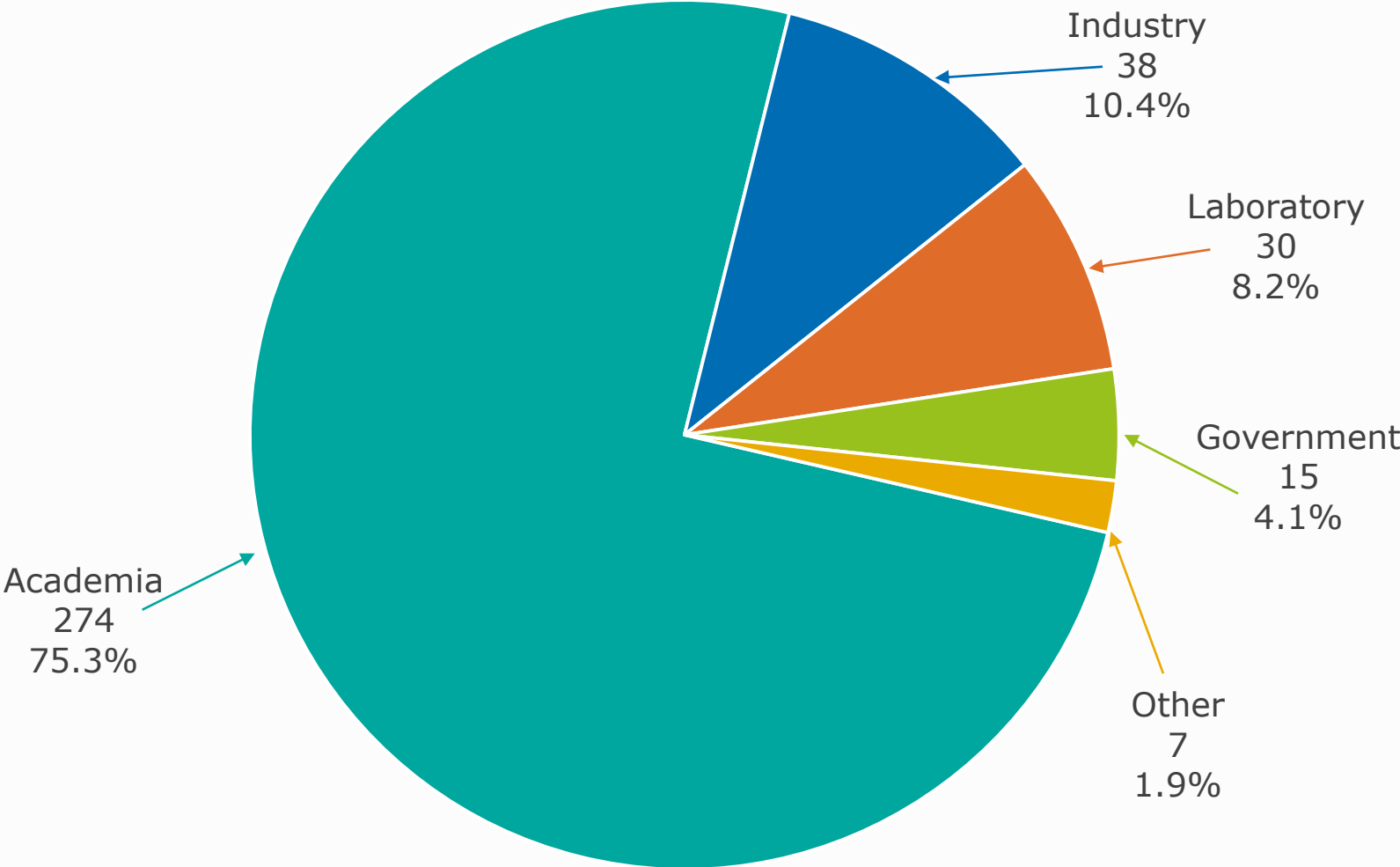
Nonstudents



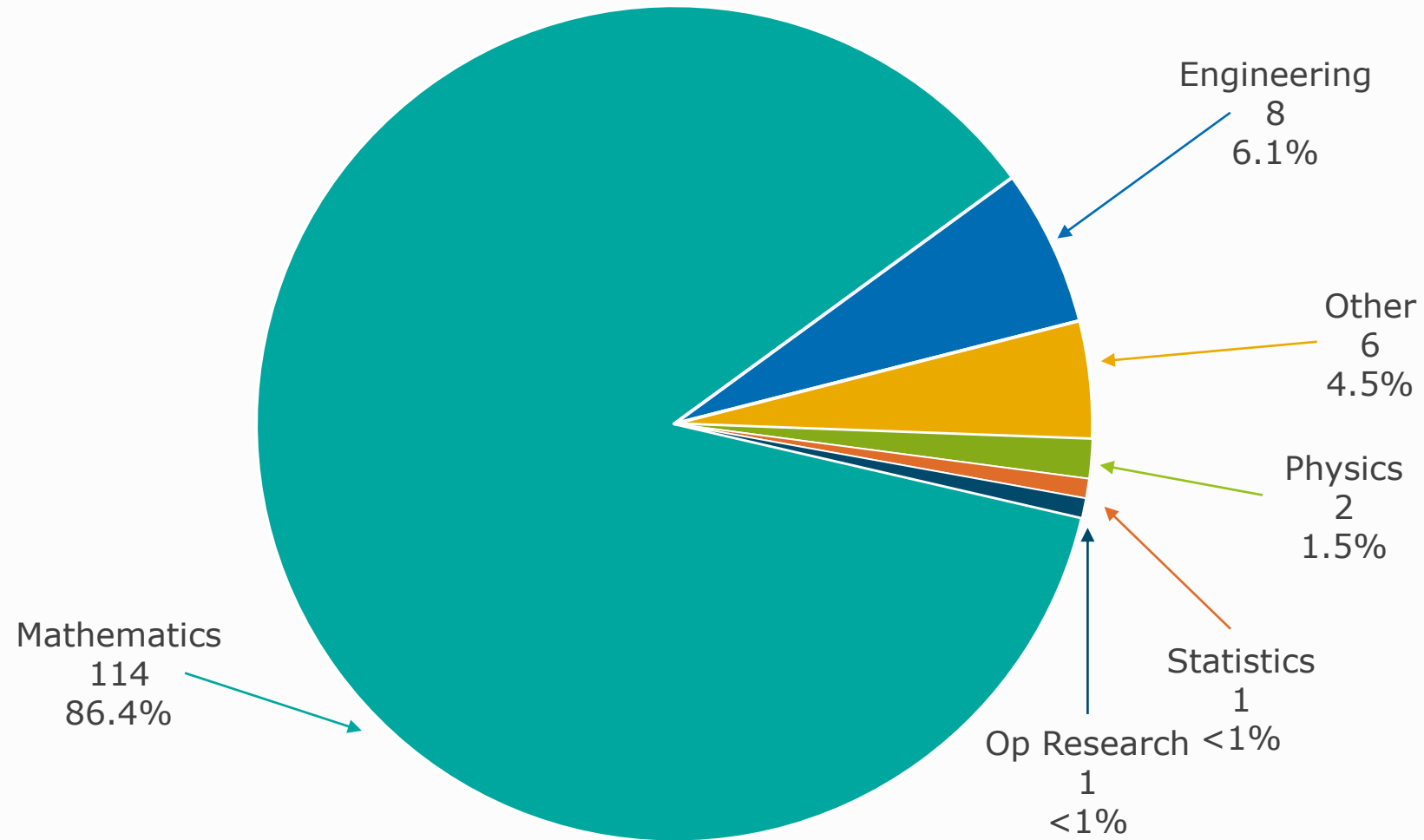
Students



SIAG/LA Membership by Employer Type



SIAG/LA Membership by Department Type



Other Business

Contacts

Chair

Valeria Simoncini
valeria.simoncini@unibo.it

Vice Chair

Melina Freitag
melina.freitag@uni-potsdam.de

Program Director

Miroslav Tuma
mirektuma@karlin.mff.cuni.cz

Secretary

Christine Klymko
klymko1@llnl.gov