

SIAM CSE/SIAG meeting minutes (March 5, 2025)

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Thanks to SIAM staff for running the conference so smoothly and also for helping with SIAG CSE.

Introduction officers: Chair: Julianne Chung (Chair), Edmond Chow (Vice Chair), Sarah Knepper (Program Director), Benjamin Peherstorfer (Secretary)

Thanks to past officers: Judith Hill (Chair), Philipp Birken (Vice Chair), Edmond Chow (Program Director), Sara Pollock (Secretary)

Past officers are a big help in transition to the new officers.

Announcements (details, links, etc in the slides):

- Active presence on SIAM Engage. Good way to get information about SIAM and SIAG CSE and to announce information to the CSE community.
- Two SIAG CSE websites: (a) One is part of the SIAM website, and (b) separate Github webpage where information about past meetings, conferences, etc is posted.
- SIAM News/Blog: If you have interesting work, have seen interesting talk etc, please forward information to SIAG officers for consideration for SIAM News.
- Get involved! Use Leadership Suggestion Form to nominate candidates for future SIAG officers.

Big congratulations to the SIAG CSE members who were elected as SIAM Fellows:

George Biros

Daniela Calvetti

Alina Chertock

David Bindel

Hans de Sterck

Aaron Fogelson

Michael Friedlander

Carola-Bibiane Schönlieb

Luis Nunes Vicente

Chao Yang

Ulrike Meier Yang

Statistics about CSE conference (data reported on slides):

- Thanks to the organizing committee of the CSE 2025 conference!
- This year about 1600 participants but no final number yet; in line what participation was pre-covid

Congrats to prize winners (see slides for more information on the contributions recognized by each award):

- Best paper prize: Misha E. Kilmer, Lior Horesh, Haim Avron, Elizabeth Newman
- Early career prize: Jiequn Han
- Thanks to everyone who has served on prize committees!

Please consider nominating individuals for SIAG CSE awards! New call for nominations in March 2026.

Additionally, look for people to serve on the prize committees. If you are interested, please consider nominating yourself. Let one of the SIAG CSE officers know.

Travel awards:

- 74 travel awards for this conference
- Thanks to the donors!

Reminder that Annual Meeting is coming up in July/August 2025

- For Annual Meeting 2026, the SIAG CSE is interested in hosting a track (multiple minisymposia etc).

Next SIAM CSE meeting is in 2027

- Pittsburg, Feb 22 - 26, 2027
- Call for participation sometime in April 2026

Start thinking about CSE conference in 2029

- Where do we want to have it? In the US or outside of the US? There are some extra challenges when hosting it outside of the US but doable
- Julianne Chung: There is maybe an opportunity in Singapore
- Richard Moore: If there are proposal for outside of the US, there is support with PCOs (professional conference organizers). It is important to have a local person there to support the conference. Please get in touch as soon as possible.
- Julianne Chung: Advantage of having it in Asian is engaging Asian population

Gene Golub SIAM Summer School (G2S3)

- Topic: Frontiers in multi-dimensional pattern formation (Aug 4-15, 2025)
- Consider asking your students to apply and participate
- Submit proposal for following Gene Golub summer in 2027 (due in January 2026)
- Richard Moore: The 2026 Gene Golub school is already in process. The one in 2027 might offer an opportunity to be a satellite event to ICIAM.

Question from the audience: What resources are available for G2S3? Richard Moore: Generous donation by Gene Golub. Attractive opportunity to consider in holding this summer school. School has been hosted all over the world, Europe, Asian, Africa. So think big.

Join SIAM Today!

- All members can nominate two students for a free membership. Many other opportunities for free memberships for students. Can also join two SIAGs for free.
- CSE is the largest SIAG in terms of members. There are opportunities for nominating three students who can join for free.

There are many SIAM journals. Consider submitting to them.

Future conferences: Any other future conferences that you want to announce?

- Comment from the audience: ECCOMAS conference in 2nd week of Sep this year in Heidelberg (Germany)
- Comment from the audience: Please include a calendar link when announcing SIAM conferences

Membership report (as of Dec 31, 2024) [details about these numbers on the slides]

- CSE is the largest SIAG but DATA is on its tails
- Students make up less than half of SIAG membership, which is something to work on. Encourage students to join SIAG.
- The non-student membership is steady. But lost student members.
- Question from the audience: Do you have numbers for the European countries? Answer: They are available but not shown on the slides due to formatting restrictions
- Comment from the audience: Would be great to have a historical trend about membership by gender so that we can see the development
- Note from SIAM staff: The "Membership by Employer Type" chart contains only non-student members

Other business?

- Question from the audience: Why only support 74 student travel awards? Answer based on a discussion: The support rate is about 50% of all submission
- Question from the audience: Could hosting a conference in Singapore require more travel awards? Answer based on discussion: There might be some other options for funding travel

- Comment from the audience: Would it be possible to apply for European and Asian sponsorship for travel awards? SIAM would love to get some international support

- Comment from the audience: More options to donate, which would encourage more donations

Thank you for attending the meeting