

SIAM CSE/SIAG meeting minutes (February 28, 2023)

Themes of this business meeting:

What we're really interested in: input from our members about the SIAG.
We want to make the SIAG more vibrant to help this community be even stronger.
What else can we do besides the conference to further foster our community?

Introduction of the Officers:

Judith Hill (Chair), Philipp Birken (Vice Chair), Edmond Chow (Program Director), Sara Pollock (Secretary)

Thanks to past officers:

Stefan Wild (Chair), Jeff Hammond (Vice Chair), Judith Hill (Program Director), Tan Bui-Thanh (Secretary)

About the conference:

Thanks to Organizing Committee Co-chairs: Karen Devine, Dirk Hartmann, Will Schilders.
Thanks to the Organizing Committee: it was a lot of work!

SIAG/CSE Conference History:

2078 currently registered: largest in-person SIAM CSE ever!!

Prizes (see slides for more information on the contributions recognized by each award):

SIAG/CSE Best Paper Prize: Matthew J. Colbrook, Andrew Horning and Alex Townsend
SIAG/CSE Early Career Prize: Kaibo Hu
James H. Wilkinson Prize for Numerical Software: Devin A. Matthews and Field G. Van Zee
SIAM/ACM Prize in Computational Science and Engineering: SUNDIALS core development team: Carol S. Woodward, Cody J. Balos, Peter N. Brown, David J. Gardner, Alan C. Hindmarsh, Daniel R. Reynolds and Radu Serban

Thanks to everyone who has served on prize committees!!
Please consider nominating individuals for awards!

Next SIAM CSE meeting:

March 2-7, 2025, SIAM CSE in Fort Worth.
Call for minisymposia: around May 2024.

Future conferences:

Where should we have CSE2027?
Where would you like the conference to be held?
2027 is an ICIAM year: opportunities for career fairs at CSE.

This (2023) is also an ICIAM year: we expect our community will be well represented at ICIAM 2023 in Tokyo.

Announcements:

- Hopefully, everyone is receiving messages through SIAM Engage
- Most of our content has been migrated to our github site.
- Thank you to Siva for continuing to contribute to SIAM news. We're also looking for another volunteer
- There is a SIAG/CSE Leadership suggestion form! If you are interested in being an officer or know someone else who might be, please nominate them:
<https://www.siam.org/membership/activity-groups/related/siam-activity-group-leadership-suggestion>!

Congratulations of our SIAM Fellows! See slides for CSE members in the Classes of 2021 and 2022.

SIAG/CSE would like to have more students involved in the SIAG. Nonstudent members can nominate two students for free membership in SIAM: <https://www.siam.org/forms/nominate-a-student>

Membership report:

Nearly 2500 members (or is it 2100? not discrepancy in reporting: recorded at different dates?), slightly less than 50% students.

- Down from 2022 by nearly 700 (or maybe only by 300).
- What can we do to better engage members?
- Q: Is the drop in membership specific to CSE or common to all SIAG?
- A: Drop is common to all SIAGs and SIAM membership. How much is the COVID effect?
 - o The number of student chapters in SIAM has grown, however.
- Q: What caused the 2011 drop?
- A: it was a glitch/recording error
- Q: Is there an effect in membership from the Great Resignation? Are we engaging early career members enough?

Thanks to Richard Moore for providing data on membership statistics.

Other Business:

Questions discussed:

- What can we do to better engage with our membership?
- Is there some strategy for rotating meeting within and outside of the US?
- Rotation: Lower bound (on US meetings): alternating inside and outside US?
- Have CSE in the US on non-annual years? Current charter: 2/3 meeting in US.

Other topics

Additional conversation included:

- How can we better engage and have people feel included in our community?
- Do we have diversity numbers on membership?
 - o See slides for diversity with respect to field, employer, student vs. nonstudent, gender.
- Does it make sense to locate the CSE Conference in Asia?
- Can we align charter to align US/non-US schedule with ICIAM?
- 3-1 US model (West, East, Midwest, Outside US)
- Do we have a spike in European members this year?
- Can we automatically enroll student attendees as members?
- What is the value of membership for students?
- What is the value of being a member of a professional society in general? Leadership opportunities, collaborations
- Activities such as hackathon, activity groups
- Involve junior people as well in committees

Activity group membership: is it just the mailing list? Could we have more activities for students and market them better?

What would be valuable to students?

- For students to take a leadership role, it is more likely to be through a student chapter than an activity group.
- Can we connect with student chapters?
- Is attracting students to SIAM a separate challenge than attracting them to CSE?
- Regional/sectional meeting opportunities for student presentations?
- Student-oriented online seminar series?
- Student chapter experience varies greatly and may depend on the advisor.
- Ad-hoc working group to get input from students.
- Can we do more to have prizes or other identification opportunities for students?
- Should there be an elected student seat on SIAG leadership? Problem: they might graduate and no longer be students.

Thanks to all our attendees for an engaging discussion!!