

Brainstorm sessions – Introduction and definition

The brainstorm sessions, in the afternoons of the first three conference days, have two aims:

1. **Becoming a group:** As individual researchers, we come from different disciplines: Education in Biology, Chemistry, Economics, Engineering, Mathematics, and Physics; we have different cultures, traditions, research environments, and terminology but a common aim: Improving calculus instruction. We need some getting acquainted with each other and each other's ways of thinking.
2. **Identifying issues for deeper and more detailed discussion** in the second part of the conference; possibly a start of such discussion here in the brainstorm sessions. We especially mean issues that cut across the disciplines.

So the overall question in these brainstorming session is: Given what you knew when you came here on Monday morning, and given what you've heard today in the plenary and paper presentation sessions, what are the issues that you think are important for us to discuss in order to end the conference with a message to the community of calculus instructors and designers, about what they should address to make calculus relevant to students of the disciplines, and how this can be achieved.

Organizational issues: Each brainstorm session will have a moderator and a reporter. The task of the moderator is to give everybody a chance to contribute, for example by splitting into subgroups and then reporting back to the plenum. The task of the reporter is NOT to write a transcript but to record a list of issues proposed for further discussion later in the week; the PC will consider these lists when deciding on discussion topics; if you are a reporter, remember that the PC will get 9 (or 6 or 12) such reports; so if you list 4 topics, they will have 36!!

Request for reporters

- present the highlights of the discussion
- feel free to use bullet points
- feel free to use images
- keep your report to one page at most
- upload your report on Padlet at <https://padlet.com/ibiza/calconf2023-br-dg-jyaaw34rkf6e7jtf>