

Call for Proposals: 2021 Gene Golub SIAM Summer School

SIAM is calling for letters of intent for proposals of topics and organizers for the 2021 Gene Golub SIAM Summer School (G2S3). The proposed two-week school for about 40 graduate students is to be held in May-August 2021. It must not be held during, or immediately before or after, the [2021 SIAM Annual Meeting \(AN21\)](#) unless it is held near the location of AN21. Letters of Intent in all areas of applied and computational mathematics will be considered.

The courses in the G2S3 are expected to be at the research level, have some computational flavor, and cover topics not usually found in regular university courses. The G2S3 should have an overall theme of current interest, with lectures and exercises or project sessions on complementary topics for this area.

SIAM strongly encourages participation of women and underrepresented minorities as organizers, lecturers, and students in the G2S3.

Information about the G2S3 program, including past schools and the composition of the G2S3 Committee, can be found at <https://www.siam.org/Students-Education/Programs-Initiatives/Gene-Golub-SIAM-Summer-School>.

SIAM will contribute up to \$128,200 towards the 2021 G2S3. Most of these funds should be used to support students' attendance of the school.

The school should cover all expenses for the invited lecturers including lodging, meals, travel expenses, and honoraria (SIAM recommends an honorarium of \$1500 per week per lecturer). The school should also cover lodging, meals, and partial travel expenses for all students, and fully cover the expenses of those students with no other funding sources. Organizers are encouraged to explore other sources of supplementary funding to guarantee that the school can cover all expenses. Students must not be charged a registration fee to attend.

Letters of intent of up to eight pages in length should include the names of the organizers, their previous experience as organizers (if any), dates and venue, a proposed theme for the summer school, a scientific abstract, tentative titles of courses, tentative lecturers and whether or not the lecturers have committed to participating, a tentative day-by-day schedule of activities, and references. Explanation of how the courses complement each other will be useful. The letter of intent should also include plans for soliciting additional sources of funding, and whether these funds have been awarded, promised, or applied for. An outline of a preliminary budget should be included as well.

Instructions for the letter of intent are available [here](#). The associated TeX file available [here](#) may be used as a template for the letter of intent.

Note: The page limit of eight pages is strictly enforced, and the LOI is the only document that will be considered. Please avoid including any other documents such as cover letters or brochures. All submissions are considered new. You may revise and submit an LOI that has been previously considered, but no distinctions will be made between new submissions and revised and resubmitted LOIs.

An ideal venue would be a place where students and lecturers are housed together, have their meals together, and where appropriate classrooms and computing facilities are available. Other types of venues will be considered as well; but an effort should be made to encourage strong interactions among the students, and between students and lecturers and organizers.

The organizers of the proposal selected for the 2021 G2S3 will be responsible for inviting and confirming the lecturers, setting the schedule, working with SIAM to solicit applications from students, evaluating the

applications, and notifying applicants of the outcome. SIAM will interact with the organizers to ensure that the allocated budget is not exceeded, and to ensure that the appropriate local arrangements are made in a timely fashion, that the necessary information is available on the web when needed, and that all participants are kept appropriately informed about arrangements.

Letters of intent should be sent to Richard Moore, moore@siam.org, preferably in pdf format, no later than **January 31, 2020**. The G2S3 Committee will invite a small number of those who submitted letters of intent to submit full proposals.

Full proposals will be due on **March 31, 2020**.

For questions or informal inquiries, please contact the G2S3 committee chair, Jörg Liesen, liesen@math.tu-berlin.de.