MIT Summer of Geometry 2024

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In summer 2024, MIT will host *two* internationally-recognized programs in applied geometry, the **Symposium on Geometry Processing (SGP)** and the **Summer Geometry Initiative (SGI)**. These programs will bring researchers, professionals, and students together to push the forefront of applied geometry research, with applications to computer vision, manufacturing, architecture, design, virtual reality, medical imaging, and more. **Both are seeking sponsorship** to help us reach an ambitious fundraising goal, which would enable a world-class program propelling this state-of-the-art discipline.

The emerging discipline of *geometry processing* aims to develop algorithms, software, and theory relevant to geometric data. In this research area, concepts from mathematics, computer science, and engineering are combined to design efficient algorithms for acquisition, modeling, analysis, manipulation, simulation, 3D printing, and other types of processing of 3D models and shape collections. Geometry processing techniques underlie state-of-the-art techniques in a variety of industries, from manufacturing to autonomous driving.

In summer 2024, MIT will host two programs central to the geometry processing research community:

- The **Symposium on Geometry Processing** (SGP) is the premier venue for disseminating research ideas and cutting-edge results in geometry processing. In addition to publishing and presenting research in an academic conference format, SGP features a Graduate School with two days of tutorials, as well as opportunities to network with leaders in geometry processing. SGP has been a mainstay in geometry processing for over 20 years, and 2024 will be the first year in which SGP will be held in North America. We are targeting at least 200 attendees, plus students and members of the Boston-area technical community.
- The **Summer Geometry Initiative** (SGI) is a six-week paid research program for undergraduates and master's students intended to bring a diverse set of members into applied geometry. Built on a groundbreaking online format, SGI has a three year track record of recruiting students from underrepresented and underserved groups to geometry processing PhD programs and related career training.

Quick links. You can find more about SGP and SGI through the following links:

- Websites for the 2022 and 2023 SGP programs, the latter held at the International Geometry Summit
- Proceedings of the 2023 SGP conference, published by Wiley
- Website for the SGI program
- Blogs featuring research projects carried out by the 2021, 2022, and 2023 SGI Fellows

Why sponsor SGP and/or SGI? Sponsoring SGP and/or SGI will bring visibility to our cutting-edge research community, as well as opportunities to preview new research in the field, interact with experts, and recruit rising talent. Sponsorship tiers are detailed on the next page, but broadly sponsor benefits include:

- **Talent connections:** We offer the opportunity for your staff to give tech talks at SGP and/or SGI, reaching an audience of experts and new talent alike. Both programs also can provide directories of attendees and trainees, invaluable for recruiting. SGI can help identify top talent from a diverse pool of graduating students.
- **Press:** We will include mention of our sponsors in press about the two events, distributed widely with the help of MIT News and MIT CSAIL. Press about these programs can include quotes from our top sponsors.
- **Signage and booths:** We can offer space for sponsors of SGP to include signage and booths outside the main conference hall and in conference social events.
- **Additional recognition:** Beyond signage and inclusion in press about SGP/SGI, we will recognize sponsors on the program websites. Speakers in these programs can also verbally recognize sponsorship.
- **Attendance:** Most sponsorship tiers include comp tickets to cover attendance by members of your company. We can invite additional attendees to conference social events and exclusive training programs (SGP Graduate School, SGI Tutorial Week).
- **Input:** Top sponsors can be involved in planning of these two programs.

<div align="center">**Sponsorship Tiers**</div>

MIT Geometry Platinum (1 sponsor max) $90,000
- Includes platinum sponsorship of both SGI and SGP programs below.
- Inclusion in planning committees for the two programs.

<div align="center">**SGP sponsorship tiers**</div>

- **SGP Platinum (1 sponsor max)** $60,000
  Named conference reception (dinner/outing) with display at the event; 10 minute tech talk at conference; invitation to dinner with conference leadership; full-page advertisement on conference program
- **SGP Gold ($\leq$3 sponsors max)** $35,000
  6' table outside event hall; sponsored award with option for sponsor representative to present (best paper, software, etc.); email to program participants; sponsored post on SGP X (Twitter) account; half-page advertisement on conference program; access to opt-in directory of conference attendees
- **SGP Silver** $20,000
  Recognition at opening session; sponsor of poster session; dedicated signage outside event hall; Graduate School registration for 2; name and logo on conference website; dedicated banner outside conference hall
- **SGP Bronze** $10,000
  Promotional material in participant gift bag; conference registration for 2; name on conference website

<div align="center">**SGI sponsorship tiers**</div>

- **SGI Platinum (1 sponsor max)** $60,000
  Invited hour-long tech talk or one-hour interactive tutorial to Fellows; sponsorship of SGI Fellow to attend SGP in Boston; sponsored end-of-program award to SGI Fellow with option to include judges, with option for sponsor representative to present
- **SGI Gold ($\leq$3 sponsors max)** $35,000
  Invited 30 min. tech/recruiting talk to SGI Fellows; mention in press release related to program; recruiting ad sent directly to SGI Fellows; option to include 2 participants in SGI Tutorial Week; access to opt-in directory of SGI Fellows and tutorial participants
- **SGI Silver** $20,000
  Participation in career panel for SGI Fellows; logo on SGI website; option to mentor an SGI research project (pending approval); swag in Fellow care packages
- **SGI Bronze** $10,000
  Promotional material in SGI Fellow care packages; name on SGI website
- **Sponsor one SGI Fellow** $5,000

Tier benefits include all those from all tiers beneath, as applicable.

Questions? Please contact Prof. Justin Solomon (jsolomon@mit.edu) if you are interested in sponsoring one of these programs, have questions, or have suggestions for additional benefits we can offer with sponsorship.