IT Committee Updates

General Assembly 2025-06-16

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computational-geometry.org

Computational Geometry Pages

https://www.computational-geometry.org

About the logo   About this site

| | Steering committee | The Society for Computational Geometry |
| | Code of Conduct | Childcare at CG Week |

SoCG / CG Week Websites

2026 (New Brunswick, NJ, USA) · 2025 (Kanazawa, Japan) · 2024 · 2023 · 2022 · 2021 · 2020 · 2019 · 2018 · 2017 · 2016 · 2015 · 2014 · 2013 · 2012 · 2011 · 2010 · 2009 · 2008 · 2007 · 2006 · 2005 · 2004 · 2003 · 2002 · 2001 · 2000 · 1999 · 1998 · 1997 · 1996 · 1995

Annual / International Symposium on Computational Geometry

Proposal of the task force about Code of Conduct Enforcement (version from Jul 22, 2022): PDF

Report of the task force about double blind reviewing and PC submissions: PDF

In light of the decisive majority in favor of leaving ACM, SoCG 2014 was the last iteration of the conference affiliated with ACM. All details HERE.

SoCG Program Committees	
Guidelines	On counting times rather than pages (Sep 19, 2022)
	LaTeX document class: socg-lipics-v2021.cls (V0.9, Sep 19, 2022)
	SoCG Reviewing (Nov 26, 2021)
	SoCG PC (Apr 5, 2022)
	SoCG logo
SoCG Proceedings	Starting from 2015, free access on LIPIcs:
	2024 · 2023 · 2022 · 2021 · 2020 · 2019 · 2018 · 2017 · 2016 · 2015
	Up to 2014: online proceedings from the ACM Digital Library (provided you or your institution has a subscription or you pay per article)
	SoCG Proceedings Chairs
SoCG Statistics	2023 (pdf)
SoCG Awards	Test of Time 2024
	Best Paper
	Best Student Presentation

Multimedia Exposition in Computational Geometry

Multimedia Committees	
Multimedia web proceedings	NEW 2024 · 2023 · 2022 · 2021 · 2020 · 2019 · 2018 · 2017 · 2016 · 2015 · 2014 · 2013 · 2012 · 2011 · 2010 · 2009 · 2008 · 2007 · 2006 · 2005 · 2004 · 2003 · 2002 · 2001 missing · 2000 · 1999 missing · 1998 · 1997, 1996 missing · 1995 · 1994 · 1993 (3 missing videos in 93) · 1992
	Please contribute for early years!

Young Researchers Forum

YRF Committees	
Guidelines for YRF Committees	
Books of abstracts	NEW 2024 · 2023 · 2022 · 2021 · 2020 · 2019 · 2018 · 2017 · 2016 · 2014

Workshops

| Workshops Committees | |
| Links to websites | 2024 · 2023 · 2022 · 2020 · 2019 · 2017 · 2016 · 2014 · 2013 · 2012 |

CG Challenge

| Challenge Committees | |
| Links to websites | 2024 · 2023 · 2022 · 2021 · 2020 · 2019 |

Business Meetings

2024:	Slides from the Business Meeting
	Slides from the Discussion Forum
Archives	

Mailing lists

Announcements	
To send an email: compgeom-announce@inria.fr subscription and recent archive archive (1998-2006)	
Your address must first be subscribed to the list.	
Discussions	
To send an email: compgeom-discuss@inria.fr subscription and recent archive archive (2006)	
Your address must first be subscribed to the list.	

Teaching Computational Geometry

website

| Journal of Computational Geometry | Computing in Geometry and Topology | Canadian Conference on Computational Geometry | European Workshop on Computational Geometry |
| JoCG web site | CGT web site | CCCG web site | EuroCG web site |

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Computational Geometry

Home   CG Society   CG Week   EuroCG   → Old CG Pages

Computational Geometry is the field within theoretical computer science that studies algorithms and data structures for geometric data. Its flagship conference is the International Symposium on Computational Geometry (SoCG). Until 2014, SoCG (then called the Annual Symposium on Computational Geometry) was part of ACM. Based on the conclusive results of several discussions and votes in the community, it was decided to organize the conference independently starting from 2015. Since 2012, SoCG is part of CG Week, which also includes the CG Media Exposition (CG:ME), the Young Researchers Forum (CG:YRF), the CG Challenge (CG:SHOP), and various workshops. CG Week has been part of SafeToC since 2019 and established a Code of Conduct.

Other venues in the field are the European Workshop on Computational Geometry (EuroCG), the Canadian Conference on Computational Geometry (CCCG), and the Fall Workshop on Computational Geometry. The community publishes two open access journals: the Journal of Computational Geometry (JoCG) and Computing in Geometry and Topology (CGT).

The societies

There are two societies serving the Computational Geometry community. The **Society for Computational Geometry** was founded in 2019 in the USA to provide financial backing for organizing CG Week after it became independent from ACM. After extensive deliberation and votes in the community, the **Computational Geometry Society** (or CG Society) was founded in 2024 in the Netherlands to create a legal entity that can enforce the Code of Conduct and organize scientific events in a safe and inclusive manner. Starting in 2025, both CG Week and EuroCG will be organized as events of the CG Society.

About the logo

The Computational Geometry logo was adapted from a figure in a paper [1] by Joseph O'Rourke (the first program/conference chair of SoCG). The paper discusses the *minimum convex cover* problem, that is, the problem of finding a convex cover of an input polygon P with the minimum number of pieces. The figure establishes that even if P is rectilinear, a minimum convex cover for P may need to contain non-axis-aligned edges. Indeed, it can be shown that the eight axis-aligned rectangles in the figure are necessary in a minimum convex cover, and the only way to cover the remaining holes with a single piece is to use diagonal edges, as shown by the diamond.

computational-geometry.org

Aims:
- improve maintainability
- more explanations and context, especially for newcomers

Requirements:
- long-term stability (no fancy frameworks)
- old URLs keep working

Hosting and services

Webhosting and email:
      Sponsored by conova
      Thanks to Peter Palfrader!

File storage and member database:
      Uses Google Workspace

      Not ideal, but nothing else is
          (1) GDPR compliant
          (2) affordable (€ 14 per month)

      We don't use email/chat/AI/...

Membership registration

Members administration uses Google Sheets
scripts to add/manage members

computational-geometry.org does not have a login system
on purpose: avoids complexity

We use ORCID iDs as membership IDs
avoids "yet another username to memorize"
fallback to numerical IDs for members without ORCID iD

Future work

- Port remaining parts of the website (CG:ME coming soon)
- System for student presentation feedback
- Improved system for sending mails to all members, etc.
- Offer website hosting to local organizers?
- Archive the old CG:ME videos from tape?
- …