

Bylaws of the “Automated Deduction in Geometry (ADG)” Conference Series

The motivation for these bylaws is to guide the future directions and governance of the Automated Deduction in Geometry (ADG) Conference series. Ultimately, we hope to build a community of researchers and practitioners centered around the aims of the previous ADGs, namely “algorithms and software for automated deduction in geometry” viewed as a scientific activity. Such a community is closely related with those working in topics such as

- polynomial algebra, invariant and coordinate-free methods, probabilistic, synthetic, and logic approaches, techniques for automated geometric reasoning from discrete mathematics, combinatorics, and numerics;
- symbolic and numeric methods for geometric computation, geometric constraint solving, automated generation/reasoning and manipulation with diagrams;
- design and implementation of geometry software, special-purpose tools, automated theorem provers, experimental studies;
- applications of ADG to mechanics, geometric modeling, CAGD/CAD, computer vision, robotics and education.

To build such a community, we need continuity and some rules governing the central activity of any research community, namely, the ADG conference. The following proposal is based on, and consistent with, the historical patterns observed in the first eleven ADGs (from 1996 to 2016). The proposal is deliberately minimal and under-specified. Therefore, their interpretations should be guided by historical patterns.

Bylaw 1: Composition of Organizers

Each ADG Conference shall have the following organizational positions:

1. Steering Committee
2. General Chair
3. Program Chair
4. Local Chair
5. Program Committee
6. Local Committee

Notes: Chair could also mean Co-chairs. Note also that in many ADGs there was no General Chair and the Local Chair held, in practice, this role as coordinator of the whole event.

Bylaw 2: Appointments

1. The Steering Committee shall consist of the General Chair, Program Chair, and Local Chair of the previous three conferences, and any other members that they shall appoint. The General Chair of the last-but-one ADG shall serve as the chair for the current Steering Committee. All appointments to the Steering Committee last three ADGs conferences.

2. The Steering Committee appoints the General Chair for the next conference.

3. The General Chair, in consultation with the Steering Committee, appoints the Program Chair and Local Chair.

4. The Program Chair, in consultation with the General Chair and the Steering Committee, appoints the Program Committee members.

5. The Local Chair, in consultation with the General Chair, appoints the Local Committee members.

Bylaw 3: Duties

1. The Steering Committee will hold an ADG business meeting during each conference.
2. The Local Committee shall maintain, for each conference, the corresponding ADG website, including links to previous ADGs websites.
3. The Local Committee should receive from the previous Local Committee, increase and handle to the next Local Committee a list of names and e-mails of attendees of past ADG conferences.

Bylaw 4: Amendments

1. The bylaws can be amended by ballot, either at the ADG business meeting or by email.
2. Persons who have registered for at least one of the three preceding ADG Conferences are eligible to vote.