



Working group

AUTOMATED DEDUCTION IN DYNAMIC GEOMETRY TOOLS

Francisco Botana
University of Vigo, Spain

Predrag Janičić
University of Belgrade, Serbia

This working group aims to be a forum where Dynamic Geometry (DG) users, developers, and people interested in Automated Deduction in Geometry (ADG) can present their work and discuss trends on the subject. We invite submissions on any of the following topics (not limited to):

- Symbolic and numeric methods for geometric constraint solving, automated generation/reasoning and manipulation with diagrams.
- Design and implementation of DG software with ADG capabilities, special-purpose tools, automated theorem provers, experimental studies.
- Applications of related software to mechanics, geometric modeling, CAGD/CAD, computer vision, robotics and education.
- Usability studies for DG tools related to ADG.

Submission of abstracts and papers for this working groups will be proceeded via the **CADGME conference administration tool (ConfTool)**, starting by 14 April 2014.