

Automated Deduction in Geometry						
Number	Start time	Duration	Kind	Description	Chairs	Room
2025-08-01						
23C	09:00	30		Welcome ADG25	Pedro Quaresma	A3.02
24	09:30	60	presentations		Pedro Quaresma	A3.02
	09:30		András Kerekes and Zoltán Kovács	Towards automatic detection of geometric difficulty of geometry problems		
	10:00		Michael Katzenberger and Jürgen Richter-Gebert	Manifold-based Proving Methods in Projective Geometry		
	10:30	30	coffee break			
25A	11:00	60	presentations		Pedro Quaresma	A3.02
	11:00		Predrag Janičić and Julien Narboux	Geometry Machine Revisited		
	11:30		Gábor Gévay, Benedek Kovács and Zoltán Kovács	Is a regular polygon determined by its diagonals?		
	12:30	120	lunch			
26A	14:30	60	presentations		Zoltán Kovács	A3.02
	14:30		Álvaro Pereira-Albert, Tomas Recio and M. Pilar Velez	Computing loci with GeoGebra Discovery: some issues and suggestions		
	15:00		Shivam Sharma and John Keyser	Inference Maximizing Point Configurations for Parsimonious Algorithms		
	15:30	30	coffee break			
27A	16:00	90	presentations		Zoltán Kovács	A3.02
	16:00		Vesna Marinković, Tijana Šukilović and Filip Marić	Different Types of Locus Dependencies in Solving Geometry Construction Problems		
	16:30		Pedro Quaresma and Pierluigi Graziani	Towards a Structural Analysis of Interesting Geometric Theorems: Analysis of a Survey	Pedro Quaresma	
	17:00		Thierry Dana-Picard	Singular points of plane curves obtained from geometric constructions: automated methods in man-and-machine collaboration		

2025-08-02						
28C	09:00	60	presentations	Invited Talk by Vesna Marinkovic	Julien Narboux	A1.04
	09:00		Vesna Marinković	Automating Geometry Construction Problems		
28A	10:00	30	presentations		Julien Narboux	A1.04
	10:00		Yoan Gérard and Pierre Boutry	First-order Simplification of GeoCoq using Dedukti		
	10:30	30	coffee break			
29A	11:00	60	presentations		Julien Narboux	A1.04
	11:00		Alexandre Jean, Pierre Boutry and Nicolas Magaud	An Automated Approach towards Constructivizing the GeoCoq Library		
	11:30		Prunelle Colin and Pierre Boutry	On the Coq/Rocq Mechanization of Beeson's "On the Notion of Equal Figures in Euclid"		
	12:30	120	lunch			
30A	14:30	60	presentations		Pierre Boutry	A1.04
	14:30		Pedro Quaresma et al.	ADG-Lib Initiative	Julien Narboux	
	15:00		Pedro Quaresma and Nuno Baeta	A Generator of Geometry Deductive Database Method Provers	Pedro Quaresma	
	15:30	30	coffee break			
32A	16:00	60	presentations		Pierre Boutry	A1.04
	16:00		Roland Coghetto	IsaGeoCoq, a port of GeoCoq with Isabelle/HOL		
	16:30		Zoltán Kovács	Proving theorems on regular polygons by elimination – the elementary way		
33	17:00	30		Business Meeting	Pedro Quaresma Julien Narboux	A1.04