



The 40th Italian Conference on Computational Logic

25–27 June 2025 - Alghero, Italy

<https://cilc2025.github.io/>

SCOPE AND MISSION

The Italian Conference of Computational Logic (CILC) is the annual meeting of the Italian Association for Logic Programming (GULP - Gruppo Ricercatori e Utenti Logic Programming) and since its first edition held in Genoa in 1986 it has represented an important occasion for meeting and exchanging ideas and experiences between users, researchers, and developers working in the field of Computational Logic. The 40th annual conference will take place at the University of Sassari on 25-27 June 2025.

The Conference will feature presentations of invited speakers and contributed papers concerning all aspects of computational logic.

LIST OF TOPICS

- Abductive Logic Programming
- Analysis, transformation, validation and verification of programs
- Answer Set Programming
- Applications of Computational Logic and systems
- Approximate Reasoning
- Automated Theorem Proving
- Computational Argumentation
- Computational Logic and formal methods in Artificial Intelligence
- Computational Logic for concurrency, coordination, mobility, agents and objects
- Data mining and Data integration
- Deductive databases
- Extensions and integrations of declarative programming paradigms
- Implementations and benchmarking of Computational Logic systems
- Inductive Logic Programming
- Knowledge representation and extraction
- Logic programming, constraint programming and other declarative programming paradigms
- Model-based Reasoning
- Model Checking
- Multi-agent systems
- Natural language processing
- Non-Monotonic Reasoning
- Planning and scheduling
- Probabilistic Logic Programming
- Semantic web
- Temporal logics
- Tools and environments for program development
- Treatment of uncertain or incomplete knowledge

IMPORTANT DATES

Paper Submission: 18 April 2025

Notification: 23 May 2025

Final Version: 13 June 2025

Conference: 25-27 June 2025

PAPER SUBMISSION

Submissions to CILC 2025 are solicited in two paper categories:

- *Long papers* (up to 15 pages, including references)
- *Short papers* (up to 8 pages, including references)

Accepted original contributions will be included in a volume of the CEUR Workshop Proceedings.

Accepted non-original contributions will be given visibility on the conference web site including a link to the original publication, if available.

Following the CILC tradition, a selection of papers is planned to be published in a special issue of an international journal (to be determined). More details about submission can be found at: <https://cilc2025.github.io/>



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