

REPORT ON CIAA 2025

**29th Conference on Implementation and Application of Automata
Palermo, Italy, September 22–25, 2025**

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The 29th International Conference on Implementation and Application of Automata (CIAA) was held at Sala Lanza of the University of Palermo’s Botanical Garden on 22–25 September 2025. It is worth mentioning that this was the first time CIAA was hosted in Italy. The conference was attended by 50 participants from 13 countries.



It was organized by the Università degli Studi di Palermo under the direction of Giuseppa Castiglione and Sabrina Mantaci. In addition to 22 accepted submissions, there were three invited talks, namely by Marie-Pierre Béal on *Symbolic dynamics and automata*, Dirk Nowotka on *On Decision Problems of Pattern Languages*, and Alberto Policriti on *Wheeler languages and automata*. The proceedings were published as volume 15981 of Lecture Notes in Computer Science (LNCS) from Springer-Verlag. A special issue of selected contributions is planned in the International Journal of Foundations of Computer Science (IJFCS). The invitation to this special issue has been send out. The award for the best paper was given to *Engineering an LTLf Synthesis Tool* by Alexandre Duret-Lutz, Shufang Zhu, Nir Piterman, Giuseppe De Giacomo, and Moshe Vardi—congratulations to the authors.

A welcome cocktail party was organized at the first conference day in the evening at the Botanical garden. The Botanical Garden of the University of Palermo ranks among the most significant academic institutions in Italy. For more than 230 years, this vast open-air museum has fostered the study and dissemination of countless plant species across Sicily, Europe, and the Mediterranean region, including many originating from tropical and sub-tropical areas. In addition, coffee breaks and lunches were also complimentary, allowing the participants to stay together and worry only about scientific matters. After a guided tour through Palermo, the vibrant capital of Sicily, the conference banquet took place at the restaurant La locanda del gusto, with fine exquisite cuisine. Palermo is a city where centuries of history, art, and culture intertwine—from its Arab-Norman architecture to its bustling markets and grand baroque churches—and where Emperor Frederick II once fostered a remarkable era of intellectual and cultural flourishing. Surrounded by mountains and the sea, it captivates visitors with its golden light, rich cuisine, and timeless Mediterranean charm. The weather was fine, except for one day, where it was raining during the morning session, and the atmosphere was very friendly.



We thank all the people who made it possible for CIAA 2025 to be such a success. CIAA 2025 was sponsored by: Dipartimento di Matematica e Informatica @ Unipa, Università degli Studi di Palermo, and Springer-Verlag. During the business meeting it was announced that next years' CIAA will take place in Kingston, Ontario, Canada, from August 5 to 8, 2026.