

# 30th International Symposium on Temporal Representation and Reasoning

TIME 2023, September 25–26, 2023, NCSR Demokritos, Athens,  
Greece

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## ■ Preface

After three years of online events, the 30th edition of the International Symposium on Temporal Representation and Reasoning (TIME 2022) will take place as a physical event at NCSR Demokritos in Athens, Greece.

Since its first edition in 1994, the TIME Symposium is quite unique in the panorama of the scientific conferences as its main goal is to bring together researchers from distinct research areas involving the management and representation of temporal data as well as reasoning about temporal aspects of information. Moreover, the TIME Symposium aims to bridge theoretical and applied research, as well as to serve as an interdisciplinary forum for exchange among researchers from the areas of artificial intelligence, database management, logic and verification and beyond.

As a novelty this year, TIME was also open to systems papers focusing on the development, deployment and evaluation of systems for temporal reasoning, as opposed to traditional theoretical contributions. Moreover, we also solicited extended abstracts presenting work-in-progress or summarising work that has been published elsewhere, qualifying for presentation at the symposium and inclusion in the proceedings.

The authors of the of the top-ranked papers will be invited to submit an extended version of their contribution to a special issue in Information and Computation.

We received a total of 16 submissions for regular papers, and another 9 extended abstracts, representing a wide range of research topics in the areas of artificial intelligence, databases and theoretical computer science. Submissions came from Africa, Asia, Europe and North America. We would like to thank all the authors of the submitted papers, as they have helped to build a successful TIME 2023 Symposium.

As a result of the review process and the following discussions, coordinated by the Program Committee chairs, 12 regular papers were selected for presentation at the symposium. The range of their topics is wide, including, among others, predicting temporal functional dependencies, interval temporal logic, and qualitative constraint networks. All 9 extended abstracts were deemed suitable to be presented at the symposium after light reviewing by the Program Committee chairs. The accepted papers and extended abstracts are very interesting and we are confident that we will have lively discussions during the symposium.

We are very pleased to include invited talks by leading scholars in our scientific communities: Thomas Eiter (TU Vienna, Austria) and Laura Nenzi (University of Trieste, Italy). We believe that the invited talks, the selected papers and extended abstracts, and their presentations will help to stimulate and improve several research efforts in the area of temporal representation and reasoning, and motivate members of under-represented research communities to participate in the TIME Symposia.

We would like to thank all the members of the Program Committee and the additional reviewers, who volunteered their time and expertise to set up the final program. We want also to thank Periklis Mantenoglou for his efforts in maintaining the web page of the symposium.

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TIME 2023 Program Committee Co-Chairs

July 21st, 2023

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