

# 43rd International Symposium on Theoretical Aspects of Computer Science

STACS 2026, March 9–13, 2026, Grenoble, France

Edited by

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## ■ Preface

The International Symposium on Theoretical Aspects of Computer Science (STACS) conference series is an internationally leading forum for original research on theoretical aspects of computer science.

STACS 2026 consists of two tracks, A and B. Track A is dedicated to algorithms and data structures, complexity and games. Track B covers automata, logic, semantics and theory of programming.

STACS is held alternately in France and in Germany. This year's conference, taking place in Grenoble (France) from March 9 to March 13, is the 43rd in the series. It also marks 30 years since the conference was last held in Grenoble. Previous meetings took place in Paris (1984, 1998, 2012), Saarbrücken (1985, 2021 taking place virtually), Orsay (1986), Passau (1987), Bordeaux (1988, 2008), Paderborn (1989), Rouen (1990), Hamburg (1991, 2023), Cachan (1992), Würzburg (1993), Caen (1994, 2018), München (1995, 2015), Grenoble (1996), Lübeck (1997), Trier (1999), Lille (2000), Dresden (2001), Antibes (2002), Berlin (2003, 2019), Montpellier (2004, 2020), Stuttgart (2005), Marseille (2006, 2022 taking place virtually), Aachen (2007), Freiburg (2009), Nancy (2010), Dortmund (2011), Kiel (2013), Lyon (2014), Orléans (2016), Hannover (2017), Clermont-Ferrand (2024) and Jena (2025).

The STACS 2026 call for papers led to 266 submissions (206 for Track A and 60 for Track B). Each paper was assigned to three program committee members who, at their discretion, asked external reviewers for reports. STACS 2026 employed a lightweight double-blind reviewing process and incorporated an author rebuttal period in the reviewing process.

The committee selected 78 papers for presentation at the conference (58 for Track A and 20 for Track B), implying an acceptance rate of approximately 29.3%. We are grateful to all individuals, institutions, and organizations who contributed to making STACS 2026 a success. We sincerely thank all authors for submitting their work to STACS 2026. Our deepest appreciation goes to the Program Committee members and external expert reviewers for their careful reading of the submissions, their constructive feedback, and their participation in extensive discussions that were essential in selecting the strongest papers for the conference's technical program. The exceptionally high quality of the submissions made this selection process particularly challenging. We also thank the members of the STACS Steering Committee for their invaluable guidance and support.

We would like to express our gratitude to the three invited speakers: Martin Grohe (RWTH Aachen), Laura Kovacs (Vienna University of Technology), and Ola Svensson (EPFL), as well as to Tatiana Starikovskaya (CNRS, ENS Paris), with contributions from Gabriel Bathie, for delivering the tutorial.

Full versions of selected outstanding papers from STACS 2026 are invited for submission to the journal *TheoretCS*. Further selected papers from Track A are invited to the *ACM Transactions on Computation Theory* and selected papers from Track B to *Logical Methods in Computer Science*.

We thank the LIPIcs team for their assistance throughout the publication process and the final production of the proceedings. These proceedings contain extended abstracts of the accepted contributions, as well as abstracts of the tutorial and invited talks. The authors retain the rights to their work, which is made available under a Creative Commons license. The proceedings are published electronically by Schloss Dagstuhl–Leibniz Center for Informatics as part of the LIPIcs series.



Finally, we would like to thank INRIA, Grenoble INP–Ensimag, University Grenoble-Alpes, MIAI-Cluster, CNRS, the Carl Zeiss Foundation, the Interactive Inference project and Inverso for their support. Our special thanks go to Sophie Bigourden (INRIA Grenoble), Raphaël Bleuse (Université Grenoble-Alpes), Nadia Brauner (Université Grenoble-Alpes), Grégory Mounié (Grenoble INP, Université Grenoble-Alpes), Moritz Mühlenthaler (Grenoble INP, Université Grenoble-Alpes), Nguyễn Kim Thắng (Grenoble INP, Université Grenoble-Alpes), Guillaume Raffin (Université Grenoble-Alpes), and Annie Simon (INRIA Grenoble) – the local organizing team – for their invaluable help with all aspects of the organization, including the webpages, registration, and social events.

March 2026

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