

# **49th International Symposium on Mathematical Foundations of Computer Science**

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Edited by

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## Preface

The series of International Symposia on Mathematical Foundations of Computer Science (MFCS), organized since 1972, invites high-quality contributions in all branches of theoretical computer science. The broad scope of MFCS provides an opportunity to bring together researchers who do not usually meet at specialized conferences.

In the year 2024, the 49th edition of MFCS was held in Bratislava, on August 26–30. This volume contains 80 contributions selected out of 239 full submissions. The programme was further enriched by five invited talks given by Wojciech Czerwiński (University of Warsaw), Jarkko Kari (University of Turku), Kasper Green Larsen (Aarhus University), Rupak Majumdar (Max Planck Institute for Software Systems), and David Peleg (Weizmann Institute of Science).

We express our deep gratitude to all the members of the program committee and the reviewers. Due to the high number of submissions, the load of work was higher than anticipated. Still, the merits of all papers were considered very carefully not only in the reviews but also in subsequent discussions. We also warmly thank the invited speakers, as well as the authors of the submitted papers. We also thank the local organizing team chaired by Dana Pardubská.

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Rastislav Královič  
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- Petra Wolf
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- Jules Wulms
- Tomoyuki Yamakami
- Takashi Yamakawa
- Geva Yashfe
- Ryo Yoshinaka
- Francesca Zaffora Blando
- Mohammad Zakzok
- Viktor Zamaraev
- Noam Zilberstein
- Marius Zimand

**Invited Speakers**

- Wojciech Czerwiński (University of Warsaw)
- Jarkko Kari (University of Turku)
- Kasper Green Larsen (Aarhus University)
- Rupak Majumdar (Max Planck Institute for Software Systems)
- David Peleg (Weizmann Institute of Science)

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