

50th International Symposium on Mathematical Foundations of Computer Science

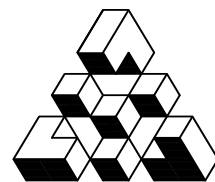
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Editors: Paweł Gawrychowski, Filip Mazowiecki, and Michał Skrzypczak

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Preface

The International Symposium on Mathematical Foundations of Computer Science (MFCS) invites high-quality contributions in all branches of theoretical computer science. Its broad scope brings together researchers from diverse areas in theoretical computer science. It is one of the oldest conferences in the field, with the first meeting having taking place already in 1972, and the current edition being the 50th.

The 50th edition of MFCS was held in Warsaw on August 25th–29th, 2025. This volume contains 88 papers selected from 251 full submissions by researchers from 37 countries. Additionally, the programme included five invited talks given by Thomas Colcombet (Université Paris Cité), Giuseppe Italiano (LUISS Guido Carli, Rome), Rasmus Kyng (ETH Zürich), Filip Murlak (University of Warsaw), and Anca Muscholl (Université de Bordeaux). On August 24th, just before the conference, the Young Researchers Forum (YRF) 2025 took place, giving the young participants of the conference an opportunity to connect and discuss their recent and ongoing work.

We would like to sincerely thank all the members of the program committee and the external reviewers for their work. This year’s schedule was particularly demanding due to the rebuttal phase.

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