

## PREFACE

In this volume we are presenting the collection of extended abstracts selected for presentation at EUROCOMB 2019 held in Bratislava on 26th–30th August, 2019. The EUROCOMB conferences started in Barcelona in 2001, and since then they have been organised biannually: in Prague 2003, Berlin 2005, Seville 2007, Bordeaux 2009, Budapest 2011, Pisa 2013, Bergen 2015, and Vienna 2017. EUROCOMB 2019 is thus the 10th installment of EUROCOMB.

Since EUROCOMB 2003 in Prague, European Prize in Combinatorics has been awarded at every meeting. The prize has been established to recognise excellent contributions in combinatorics, discrete mathematics and their applications by young European researchers (eligibility of EU) not older than 35 years of age. European Prize in Combinatorics is supported by the Centre for Discrete Mathematics, Theoretical Computer Science and Applications (DIMATIA) of Charles University in Prague and by private contributors.

The role of combinatorics in the contemporary research is steadily growing – not only in mathematics, computer science, and engineering, but also in physics, life and social sciences, and elsewhere. This phenomenon is clearly reflected in the increasing interest in EUROCOMB conferences, which became an established forum of the frontier research in these fields. This year, a total of 167 contributions were submitted and the Programme Committee selected 116 extended abstracts to be presented at the conference. In comparison, in Seville (EUROCOMB 2007) 92 of 142 contributions were selected for presentation; in Bergen (EUROCOMB 2015) 109 of 183 extended abstracts were accepted.

EUROCOMB 2019 was organized by the Excellent Research Team GRAMAD (Graph and Combinatorics) of Comenius University in Bratislava as a part of the celebrations of its centenary and by the Centre for Discrete Mathematics, Theoretical Computer Science, and Applications (DIMATIA) of Charles University in Prague.

We thank the members of the Programme Committee for all their work. We also thank the members of the Organising Committee of EUROCOMB 2019 for their work in preparing the meeting in Bratislava. Last but not least, we thank the editorial staff of Acta Mathematica Universitatis Comenianae (AMUC) for their highly efficient and dedicated work in preparing this volume.

Jaroslav Nešetřil and Martin Škoviera

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