

Foreword

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■ Foreword

The 34th International Symposium on Computational Geometry (SoCG) will be held in Budapest, Hungary, June 11–14, 2018, as part of the Computational Geometry Week. A record number of 206 papers have been submitted to SoCG 2018. After a thorough review process, in which each paper has been evaluated by three or more independent reviewers, the Program Committee accepted 73 papers for presentation at SoCG. These proceedings contain extended abstracts of the accepted papers, limited to 13 pages plus references. If any supporting material (e.g., proofs or experimental details) does not fit in the page limit, the full paper is available at a public repository, which is referenced in the extended abstract.

The Best Paper Award goes to the paper “Shellability is NP-complete” by Xavier Goaoc, Pavel Paták, Zuzana Patáková, Martin Tancer, and Uli Wagner. The Best Student Presentation Award will be determined and announced at the symposium, based on ballots cast by the attendees.

A selection of papers, recommended by the Program Committee, have been invited to forthcoming special issues of *Discrete & Computational Geometry* and the *Journal of Computational Geometry*, dedicated to the best papers of the symposium.

In addition to the technical papers, there were five submissions to the multimedia exposition (three videos and two applets). All five were reviewed and four were accepted for presentation. The extended abstracts that describe these submissions are included in this proceedings volume. The multimedia content can be found at <http://www.computational-geometry.org>.

We thank the authors of all submitted papers and multimedia presentations. We are grateful to the members of the SoCG Program Committee, the Multimedia Committee, and 340 additional reviewers for their dedication and expertise that ensure the high quality of the papers in these proceedings. We would also like to thank the Proceedings Chair, Wouter Meulemans, for his meticulous work preparing the final proceedings. Many other people contributed to the success of SoCG 2018 and the entire CG Week. We especially thank the local organizers, all members of the Workshop and YRF Committees, and the Computational Geometry Steering Committee.

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