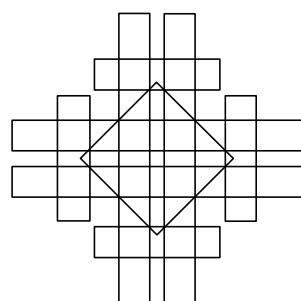


33rd International Symposium on Computational Geometry

SoCG 2017, July 4–7, 2017, Brisbane, Australia

Edited by

Boris Aronov
Matthew J. Katz



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■ Foreword

Computational Geometry has a rich and successful history. For many years, the prime annual event of the community has been the Symposium on Computational Geometry (SoCG), which we are celebrating for the 33rd time (as part of CG Week 2017) at The University of Queensland, Brisbane, Australia, July 4–7, 2017. Herein, we are happy to present the contributions that were selected for SoCG'17, consisting of abstracts of invited talks, research papers, and descriptions of multimedia presentations.

There were 148 papers submitted to SoCG'17 via EasyChair. After a substantial review process, during which each paper received at least three reviews and which involved 250 external reviewers, the program committee has selected 59 papers for presentation and inclusion in the proceedings. A subset of these was also invited to forthcoming special issues of *Discrete & Computational Geometry* and the *Journal of Computational Geometry*, dedicated to the best papers of SoCG'17.

The Best Paper Award goes to the paper “Computing the Geometric Intersection Number of Curves” by Vincent Despré and Francis Lazarus. The Best Student Presentation Award will be determined and announced at the symposium, based on the input of the attendees.

In addition to the technical papers, there were six submissions to the multimedia exposition. All six were reviewed and accepted for presentation. The extended abstracts that describe these submissions are included in this proceedings volume. The final versions of the multimedia content are archived at <http://www.computational-geometry.org>.

We thank all authors of submitted papers and multimedia contributions. We also thank all the people who contributed time and expertise to the quality and success of this conference, especially the local organizers, the external reviewers, and the members of the program committees.

Boris Aronov

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