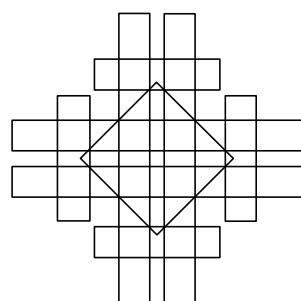


32nd International Symposium on Computational Geometry

SoCG'16, June 14–17, 2016, Boston, MA, USA

Edited by

Sándor Fekete
Anna Lubiw



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■ Foreword

For many years, the premier annual event of the Computational Geometry community has been the International Symposium on Computational Geometry (SoCG). The 32nd SoCG was held as part of CG Week 2016 at Tufts University in Boston, USA, June 14–17, 2016. These proceedings consist of the contributions that were selected for SoCG’16: abstracts of invited talks, research papers, and video and multimedia presentations.

There were 161 papers submitted to SoCG’16, of which the program committee selected 61 for presentation and inclusion in the proceedings. The thorough review process was conducted using 249 external reviewers, and each paper received at least three reviews. Online submission and reviews were conducted using EasyChair. Selected papers have been invited to the special issues of *Discrete & Computational Geometry* and the *Journal of Computational Geometry* dedicated to the best papers of SoCG’16.

The Best Paper Award went to the paper “The Number of Holes in the Union of Translates of a Convex Set in Three Dimensions” by Boris Aronov, Otfried Cheong, Michael Gene Dobbins and Xavier Goaoc. The Best Student Presentation Award was determined and announced at the symposium, based on input of the attendees.

In addition to the technical papers, there were nine submissions received in response to the Call for Multimedia. All nine were reviewed and accepted for presentation. The extended abstracts that describe the accepted submissions are included in these proceedings. The final versions of the multimedia content are archived at <http://www.computational-geometry.org>. Also included in the proceedings are the abstracts of the two invited talks by Daniela Rus, “Toward Pervasive Robots”, and by Jacob Fox, “Discrete Geometry, Algebra, and Combinatorics”.

We thank the authors of submitted papers, videos and multimedia presentations. Many other people generously devoted time and effort to the quality and success of SoCG and CG Week. We especially thank the local organizers, the external reviewers, and the members of the SoCG Program Committee, the Multimedia Committee, and the Workshops and YRF Committees.

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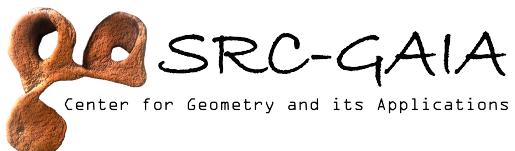
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