

Guest Editors' Foreword to the Special Issue of CCCG 2023

Denis Pankratov ✉

Department of Computer Science and Software Engineering, Concordia University, Montreal, Canada

Jeff M. Phillips ✉

Kahlert School of Computing, University of Utah, Salt Lake City, USA

Abstract

This is the guest editors' foreword for the special issue on selected papers from the 35th Canadian Conference on Computational Geometry, CCCG 2023.

Keywords and phrases CCCG, special issue

Digital Object Identifier 10.57717/cgt.v4i2.68

Foreword

The 35th Canadian Conference on Computational Geometry (CCCG 2023) took place at Concordia University, Montreal, Quebec, Canada on August 2—August 4, 2023. The conference was co-located with the Algorithms and Data Structures Symposium (WADS).

The program committee accepted 36 papers on a wide range of topics in computational geometry. With over 100 attendees, the conference was a big success. The invited speakers, Dr. Diane Souvaine (the Memorial Lecture for Paul Erdős) and Dr. Ileana Streinu (the Joint Memorial Lecture for Hurtado and Toussaint), gave excellent plenary talks that captivated audiences of both CCCG and WADS attendees.

After the conference, the following papers were invited for the special issue that you are reading right now:

- Joseph O'Rourke. Every Combinatorial Polyhedron Can Unfold with Overlap.
- Sarel Har-Peled, Benjamin Raichel. On the Budgeted Hausdorff Distance Problem.
- Diego Ihara Centurion, Karine Chubarian, Bohan Fan, Francesco Sgherzi, Thiruvankadam Sivaprakasam Radhakrishnan, Anastasios Sidiropoulos, Angelo Straight. Geometric Algorithms for k -NN Poisoning.
- Therese Biedl, David Eppstein, Torsten Ueckerdt. On the Complexity of Embedding in Graph Products.
- Oliver Chubet, Parth Parikh, Donald Sheehy, Siddharth Sheth. Approximating the Directed Hausdorff Distance.

All of these papers received excellent reviews from the program committee members, and they represent some of the highest rated papers from CCCG 2023. The paper “Every Combinatorial Polyhedron Can Unfold with Overlap” was the recipient of the best paper award at CCCG 2023. After an extensive editorial and review process, we are happy to see that the journal versions of these papers are now available to the general audience. We would like to thank Computing in Geometry and Topology journal for hosting this special issue. We find the diamond open access model of CGT admirable, and we hope that more journals would follow this model.

Last, but not least, we express deep gratitude to the founding editor Wolfgang Mulzer, who has been instrumental in preparation of this issue. Wolfgang's patience, generous



© Denis Pankratov and Jeff M. Phillips
licensed under Creative Commons License CC-BY 4.0
Computing in Geometry and Topology: Volume 4(2); Article 1; pp. 1:1–1:2



1:2 Guest Editors' Foreword to the Special Issue of CCCG 2023

support, and remarkably swift responses made preparing this special issue both smooth and genuinely pleasant.

We hope you enjoy reading the papers in this special issue!

Guest editors of the special issue,

Denis Pankratov and Jeff M. Phillips.