

19th International Symposium on Algorithms and Data Structures

WADS 2025, August 11–15, 2025, York University, Toronto,
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Edited by

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Preface

This volume contains the papers presented at WADS 2025: 19th Algorithms and Data Structures Symposium, held on August 11–August 15, 2025 in Toronto.

WADS, which alternates with the Scandinavian Symposium and Workshops on Algorithm Theory (SWAT), is a venue for researchers in the area of design and analysis of algorithms and data structures to present their work. This year, there were 94 submissions. Each submission was refereed by an average of 3 program committee members. The committee decided to accept 47 papers.

The program also includes three invited talks by Hsien-Chih Chang (Dartmouth College) and Prosenjit Bose (Carleton University). This year, WADS took place back to back with the 37th Canadian Conference on Computational Geometry (CCCG 2025) at York University, in Toronto.

The Alejandro López-Ortiz Best Paper Award for WADS 2025 was awarded to the paper *Testing whether a subgraph is convex or isometric* by Sergio Cabello.

We thank the Program Committee for their hard work and good judgement and thank all the subreviewers who contributed to the reviewing process. We thank Shahin Kamali and Eric Ruppert at York University for taking on the job of local organizer for both WADS and CCCG.

July 2025

Pat Morin
Eunjin Oh



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