36th Computational Complexity Conference

CCC 2021, July 20–23, 2021, Toronto, Ontario, Canada
(Virtual Conference)

Edited by
Valentine Kabanets
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CCC 2021
Preface

The papers in this volume were accepted for presentation at the 36th Computational Complexity Conference (CCC 2021), held between July 20–22, 2021, in a virtual online format. CCC 2021 was originally scheduled to be held in Toronto, Canada, but due to the public health measures related to Covid-19 still in place, the online format was used instead. The conference is organized by the Computational Complexity Foundation (CCF) in cooperation with the ACM Special Interest Group on Algorithms and Computation Theory (SIGACT) and the European Association for Theoretical Computer Science (EATCS).

The call for papers sought original research papers in all areas of computational complexity theory. Of the 116 submissions, the program committee selected 41 for presentation at the conference.

The program committee would like to thank everyone involved in the conference, including all those who submitted papers for consideration as well as the reviewers (listed separately) for their scientific contributions; the board of trustees of the Computational Complexity Foundation and especially its president Venkatesan Guruswami, and secretary Ashwin Nayak for their advice and assistance; Shubhangi Saraf for sharing her knowledge as prior PC chair for CCC; the Local Arrangements Committee chair Benjamin Rossman; Eric Allender for the invited talk; Meena Mahajan for her help with the submission server setup and editing of the proceedings; and Michael Wagner for coordinating the production of these proceedings.

Valentine Kabanets
Program Committee Chair, on behalf of the Program Committee
The program committee of the 36th Computational Complexity Conference is very pleased to present the **Best Student Paper Award** to Yaroslav Alekseev for his paper

*A Lower Bound for Polynomial Calculus with Extension Rule.*
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