35th Computational Complexity Conference

CCC 2020, July 28–31, 2020, Saarbrücken, Germany
(Virtual Conference)

Edited by

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Preface

The papers in this volume were accepted for presentation at the 35th Computational Complexity Conference (CCC 2020), held between July 28–31, 2020 in a virtual online format. CCC 2020 was originally scheduled to be held in Saarbrücken, Germany, but due to the public health measures related to Covid-19 in place worldwide, 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 101 submissions, the program committee selected 38 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; Amir Shpilka for sharing his knowledge as prior PC chair for CCC; the Local Arrangements Committee chair Markus Bläser; Shachar Lovett and Thomas Vidick for their invited talks; and Michael Wagner for coordinating the production of these proceedings.

Shubhangi Saraf
Program Committee Chair, on behalf of the Program Committee

Awards

The program committee of the 35th Computational Complexity Conference is very pleased to present the **Best Paper Award** to Daniel Dadush and Samarth Tiwari for their paper

On the Complexity of Branching Proofs;

and the **Best Student Paper Award** to Rahul Ilango for his paper

Connecting Perebor Conjectures: Towards a Search to Decision Reduction for Minimizing Formulas.

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