# 13th International Conference on Interactive Theorem Proving

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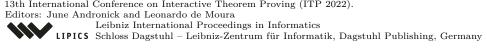
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# Preface

The International Conference on Interactive Theorem Proving (ITP) is the main venue for the presentation of research into interactive theorem proving frameworks and their applications. It has evolved organically starting with a HOL workshop back in 1988, gradually widening to include other higher-order systems and interactive theorem provers generally, as well as their applications. This year's conference, the thirteenth to be held under the ITP name, is co-located with the Federated Logic Conference (FLoC 2022), Haifa, Israel. Previous ITP conferences took place in Edinburgh 2010, Nijmegen 2011, Princeton 2012, Rennes 2013, Vienna 2014, Nanjing 2015, Nancy 2016, Brasilia 2017, Oxford 2018 and Portland 2019; those in 2010, 2014 and 2018 were under the umbrella organization of the Federated Logic Conference (FLoC).

This year's conference attracted a total of 66 submissions (63 regular papers and 3 short papers). Each paper was systematically reviewed by at least three program committee members or appointed external reviewers, as a result of which the PC winnowed down the selection to be presented at the conference: 31 papers (30 regular papers and 1 short paper). We thank the authors of both accepted and rejected papers for their submissions, as well as the PC members and external reviewers for their invaluable work.

As well as all the regular papers, we are very pleased to have invited keynote talks by Amy Felty (School of Electrical Engineering and Computer Science, University of Ottawa) and Bohua Zhan (State Key Laboratory of Computer Science, Institute of Software, Chinese Academy of Sciences). The present volume collects all the accepted papers contributed to the conference as well as the two invited papers. This is the third time that the ITP proceedings are published in the LIPIcs series. We thank all those at Dagstuhl for their responsive feedback on all matters associated with the production of the finished proceedings.

We are grateful to all of the FLoC organizers and thankful to the ITP Steering Committee for their guidance throughout.