Preface

This volume contains the proceedings of the 8th International Workshop on Satisfiability Checking and Symbolic Computation (SC-Square). The SC-Square workshop is run annually and focuses on areas of mutual interest to the symbolic computation community and the satisfiability community.

In 2023, the workshop was co-located with the 48th International Symposium on Symbolic and Algebraic Computation (ISSAC 2023) and took place on July 28, 2023, in Tromsø, Norway. The program consisted of talks by eight speakers. Two talks were invited: Haniel Barbosa (Universidade Federal de Minas Gerais, Brazil) spoke about challenges in SMT proof production and checking for arithmetic reasoning, and André Platzer (Karlsruhe Institute of Technology, Germany) gave a talk on theorem proving and computer algebra for hybrid systems.

Besides two invited contributions, the workshop received 9 submissions in total. The submissions were reviewed by members of the program committee, and 6 submissions were accepted for inclusion in the proceedings. The accepted submissions split into 2 regular papers, and 4 short papers.

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Erika Ábrahám
Thomas Sturm
SC-Square 2023 Workshop Chairs

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