

PREFACE

This special issue contains extended versions of papers presented at FSCD 2020, the 5th International Conference on Formal Structures for Computation and Deduction, which was virtually held from June 29 to July 5, during the COVID pandemic.

FSCD (<http://fscd-conference.org/>) covers all aspects of formal structures for computation and deduction from theoretical foundations to applications. Building on two communities, RTA (Rewriting Techniques and Applications) and TLCA (Typed Lambda Calculi and Applications), FSCD embraces their core topics and broadens their scope to closely related areas in logic, models of computation, semantics, and verification in new challenging areas.

The papers selected for this special issue underwent a reviewing process in two stages. In the first stage, the FSCD program committee selected 33 papers, including 28 regular research papers and 5 system descriptions, out of 81 submissions. From the papers presented at the conference, we invited authors of the best seven papers to submit revised and extended versions of their work to this special issue. In the second stage, the submitted extended papers were reviewed following the usual high standards of LMCS. Each paper received two or three additional reviews.

We thank all the authors of the submitted papers for their professional work. We are especially grateful to the expert reviewers who agreed to review the papers submitted to this special issue for their constructive suggestions to improve the original submissions.

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Guest Editors of the FSCD 2020 Special Issue

All articles have already been published in the regular issues of Logical Methods in Computer Science.