

## PREFACE

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This special issue contains extended versions of papers presented at FSCD 2018, the 3rd International Conference on Formal Structures for Computation and Deduction, which was held July 9 to July 12, 2018 in Oxford, UK as part of FLoC 2018 (6 – 19 July 2018).

FSCD (<http://fscd-conference.org/>) covers all aspects of formal structures for computation and deduction from theoretical foundations to applications. Initially 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 logics and proof theory, new emerging models of computation, semantics and verification in challenging areas.

The papers selected for this special issue underwent a reviewing process in two stages. During the first stage, the FSCD programme committee selected 26 regular research papers and one system description out of 65 submissions, with contributing authors from 21 countries. From the papers presented at the conference, with the help of the FSCD programme committee, we selected the best eight papers and invited their authors to submit revised and extended versions of their work to this special issue. They reflect the high quality and the wide range of research presented at FSCD. In the second stage, the submitted extended papers were refereed in accordance with the usual high standards of LMCS. Each paper received two or three additional reviews.

We thank the programme committee of FSCD 2018 for advising us in the selection process. We are especially grateful to the experts who agreed to review the papers submitted to this special issue for their diligence, timely effort and constructive suggestions to improve the given papers. And we also thank all the authors for their care and work in improving their submissions.

Hélène Kirchner, Paula Severi  
Guest Editors of the FSCD 2018 Special Issue

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