

## PREFACE

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This special issue contains six papers based on extended abstracts that were presented at the 28th edition of *Computer Science Logic (CSL)*, the annual conference of the European Association for Computer Science Logic (EACSL). CSL 2020 was held in Barcelona, Spain, 13-16 January 2020.

CSL is an interdisciplinary conference, spanning across both basic and application-oriented research in mathematical logic and computer science. It is a forum for the presentation of research on all aspects of logic and applications, including automated deduction and interactive theorem proving, constructive mathematics and type theory, equational logic and term rewriting, automata and games, game semantics, modal and temporal logic, logical aspects of computational complexity, finite model theory, computational proof theory, logic programming and constraints, lambda calculus and combinatory logic, domain theory, categorical logic and topological semantics, database theory, specification, extraction and transformation of programs, logical aspects of quantum computing, logical foundations of programming paradigms, verification and program analysis, linear logic, higher-order logic, non-monotonic reasoning.

The papers included in this special issue were selected from the extended abstracts that appeared in the conference proceedings, which in turn were selected for presentation at CSL 2020 through a competitive peer-review process: the members of the programme committee accepted 32 papers out of 82 submissions. Compared with the extended abstracts that appeared in the conference proceedings, the papers in this issue have been extended by full proofs and additional results. Their topics reflect the diversity of the topics presented at CSL, including coalgebras, dynamic complexity and logic, logic with team semantics, proof theory, separation logic, and type theory. The six papers underwent a further rigorous reviewing process, following the LMCS standard, completely independent of the selection process of CSL 2020.

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CSL 2020, Guest Editors

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