PREFACE

This Special Issue of LMCS collects full versions of four selected papers presented at the 39th IFIP WG 6.1 International Conference on Formal Techniques for Distributed Objects, Components, and Systems (FORTE 2019), which was held in Kongens Lyngby, Denmark, on June 17–21, 2019. FORTE 2019 was one of the three conferences of DisCoTec 2019, the 14th International Federated Conference on Distributed Computing Techniques.

FORTE is a forum for fundamental research on theory, models, tools, and applications for distributed systems. It covers models and formal specification, testing and verification methods for distributed computing.

In the 2019 edition of FORTE, 15 full paper submissions were accepted for presentation. Four of those were selected for this Special Issue, based on the referee reports we received for their conference versions and their presentations at the conference. Authors were asked to revise and complement the version presented at FORTE with omitted proofs and other new material. The extended version of each paper has undergone the usual reviewing process of LMCS, in accordance with its high standards.

The selected papers witness the high quality of the scientific program of FORTE 2019. They address process algebra, information flow, refinement checking, and timed automata.

We would like to thank the authors for their efforts in producing the extended versions contained in this Special Issue. We are very grateful to the expert reviewers for their careful reading. We would also like to thank the program committee of FORTE 2019, for their expert evaluation of the papers presented at the conference. Finally, we wish to thank the Editor-in-Chief and Executive Editors for accepting to publish this Special Issue and for their support during its preparation.

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Guest Editors of the Special Issue

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