

Preface

This volume contains the proceedings of FORTE 2015, the 35th IFIP International Conference on Formal Techniques for Distributed Objects, Components and Systems. This conference was organized as part of the 10th International Federated Conference on Distributed Computing Techniques (DisCoTec) and was held in Grenoble, France between June 2–4, 2015.

The FORTE conference series represents a forum for fundamental research on theory, models, tools, and applications for distributed systems. The conference encourages contributions that combine theory and practice, and that exploit formal methods and theoretical foundations to present novel solutions to problems arising from the development of distributed systems. FORTE covers distributed computing models and formal specification, testing, and verification methods. The application domains include all kinds of application-level distributed systems, telecommunication services, Internet, embedded and real-time systems, as well as networking and communication security and reliability.

We received a total of 53 full paper submissions for review. Each submission was reviewed by at least three members of the Program Committee. Based on high-quality reviews, and a thorough (electronic) discussion by the Program Committee, we selected 15 papers for presentation at the conference and for publication in this volume.

Leslie Lamport (Microsoft Research) was keynote speaker of FORTE 2015. Leslie received the Turing Award in 2013. He is known for his seminal contributions in distributed systems. He has developed algorithms, formal models, and verification methods for distributed systems. Leslie's keynote lecture was on Temporal Logic of Actions.

We would like to thank all those who contributed to the success of FORTE 2015: the authors, for submitting high-quality work to FORTE 2015; the Program Committee and the external reviewers, for providing constructive, high-quality reviews, an efficient discussion, and a fair selection of papers; the invited speaker for an inspiring talk; and, of course, all the attendees of FORTE 2015. We are also grateful to the DisCoTec General Chair, Alain Girault, Organization Chair, Jean-Bernard Stefani, and all members of their local organization team. The EasyChair conference management system facilitated PC discussions, and the preparation of these proceedings. Thank You.

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