

Preface

This volume contains the papers presented at FORTE 2016, the 36th IFIP International Conference on Formal Techniques for Distributed Objects, Components and Systems. This conference was organized as part of the 11th International Federated Conference on Distributed Computing Techniques (DisCoTec) and was held during June 5–7, 2016 in Heraklion (Greece).

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.

The conference received 44 submissions of authors from 21 countries. All full papers were reviewed by at least three members of the Program Committee. After careful deliberations, the Program Committee selected 18 papers for presentation. In addition to these papers, this volume contains an abstract of the invited talk by an outstanding researcher, Catuscia Palamidessi, on “Verifying Generalized Differential Privacy in Concurrent Systems.”

The conference would not have been possible without the enthusiasm and dedication of the general chair, Kostas Magoutis (University of Ioannina, Greece), and the support of the Organizing Committee with George Baryannis (University of Huddersfield, UK) and Vincenzo Gulisano (Chalmers University of Technology, Sweden). For the work of the Program Committee and the compilation of the proceedings, the EasyChair system was employed; it freed us from many technical matters and allowed us to focus on the program, for which we are grateful. Conferences like FORTE rely on the willingness of experts to serve in the Program Committee; their professionalism and their helpfulness were exemplary. Finally, we would like to thank all the authors for their submissions, their willingness to continue improving their papers, and their presentations!

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Elvira Albert
Ivan Lanese

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