Preface

This volume contains the proceedings of FASE 2014, the 17th International Conferences on Fundamental Approaches to Software Engineering, which was held in Grenoble, Italy, in April 2014 as part of the annual European Joint Conferences on Theory and Practice of Software (ETAPS).

As with previous editions of FASE, this year's papers presented foundational contributions to a broad range of topics in software engineering, including software verification and validation, model-driven engineering, debugging, and testing. This year we received 125 submissions from 35 countries, of which 28 were accepted by the Program Committee for presentation at the conference, constituting an acceptance rate of approximately 22%. Each paper received a minimum of three reviews; acceptance decisions were reached through online discussions among the members of the Program Committee.

We were honored to host Christel Baier from the Technische Universität Dresden (Germany) as the FASE keynote speaker at ETAPS 2014. She gave a talk entitled "Probabilistic Model Checking and Non-standard Multi-objective Reasoning" (the paper is included in these proceedings). Christel is an internationally recognized researcher who has made major contributions to the field of quantitative analysis of stochastic systems and probabilistic model checking.

Many persons contributed to the success of FASE 2014. Authors of all submitted papers represent the core of such a conference, and we believe that the accepted papers make significant advances in the foundations of software engineering. However, the program could not have been assembled without the great effort of the Program Committee members and their sub-reviewers in critically assessing and discussing the papers: thanks a lot for your active participation! We also express our full gratitude to the additional reviewers coming to our aid at the last minute to provide additional insights for papers under dispute, for producing high-quality reviews in a very short time. Finally, we thank Gabriele Taentzer, the FASE Steering Committee Chair, for her timely and accurate responses to our queries about the whole process management, and the ETAPS Steering and Organizing Committees for their coordination work.

We sincerely hope you enjoy these proceedings!

January 2014   Stefania Gnesi
                                                                          Arend Rensink