Foreword

Welcome to the XXIV Brazilian Symposium on Software Engineering (SBES), a flagship event well-known by the excellence of its technical program. This year, for the first time, several important symposiums were integrated, with SBES, in the Brazilian Conference on Software: Theory and Practice (CBSoft): the Brazilian Symposium on Programming Languages (SBLP), and the Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS). This integration brings together communities with related interests, broadens the visibility of the symposiums and gives the public the opportunity to participate, in the same week, of a broad forum about software where the latest trends and innovations in academic and industry will be discussed.

SBES 2010 is promoted annually by the Brazilian Computer Society (SBC) with ACM SIGSOFT cooperation. Its proceedings are being published in the IEEE digital library. The event includes the main track, mini-courses, tutorials, tools session, workshop of theses and dissertations, education forum in ES, satellite events and invited talks by Prof. Alexander Wolf (Imperial College London) and Prof. Arndt von Staa (PUC-Rio). Moreover, there is a panel on Trends and Challenges in Software Architecture aggregating an outstanding group of keynote speakers of the events that comprise the CBSoft: Alex Wolf, David Weiss, Flávio Oquendo, Joe Yoder, Jonathan Aldrich, and Rebecca Wirfs-Brock.

In this edition of SBES we have 19 research papers selected from 88 submissions. This corresponds to an acceptance rate of 22%. The themes of the articles submitted were diverse, covering all topics of the call for papers. Of the 325 authors, 318 are from Brazil, one from Argentina, one from Portugal, two U.S. and three from the UK.

The process of evaluation and selection of papers included the direct participation of 78 members of the program committee, with national and international members, and over 100 associated reviewers. The quality of the program reflects the procedure adopted and the dedication of the reviewers and members of the program committee. The process occurs in three stages, through rigorous method involving discussions over the network and a meeting of the steering committee. In the first stage, each paper was reviewed by at least three members of the program committee. In the second stage, there was discussion on conflicting reviews over the network, ie, members with divergent views regarding the evaluation of a paper tried to equalize their perceptions about the work. The third stage was conducted through a meeting of the steering committee. At the meeting we discussed the conflicting reviews unresolved in the previous step and actions have been taken to detect and resolve possible distortions in the evaluation process - including the re-examination of reviews of the papers that fell within the range that separates a tenuous acceptance of a rejection.

The realization of a scientific event of this magnitude is always an arduous task and it is essential the collaboration of several people. I would like to thank all those people who contributed to this edition of SBES. The authors, the program committee and the reviewers who have worked to ensure the high level of SBES. The coordinators of committees: Alessandro Garcia (PUC-Rio) for coordinating the tutorials, Márcio Barros
(UNIRIO), for coordinating the Education Forum on Software Engineering (FEES); Uirá Kulesza (UFRN), for coordinating the Tools Session; Rafael Prikladnicki, for coordinating the Industry Track, Leonardo Murta (UFF) for coordinating the Workshop of Theses and Dissertations (WTES) Márcio Delamaro (ICMC/USP) for coordinating the committee that chose the satellites workshops. Furthermore, I would like to thank Alessandro Garcia (PUC-Rio), Manoel Mendonça (UFBA), Itana Gimenes (UEM), and Paulo Borba (UFPE) for supporting the work of the Steering Committee. Finally, my special thanks to coordinator of CBSsoft, Prof. Manoel Mendonça (UFBA), and also for Christina Chavez (UFBA) and Claudio Sant'anna (UFBA), the SBES coordinators, for their efforts to make this event possible.

On behalf of the program committee we welcome all the SBES2010 attendees, and we wish a fruitful symposium and a productive week in Salvador!

_Thais Batista_

_Salvador, October 2010_