

# Preface

This volume contains the papers presented at the 17th Brazilian Symposium on Formal Methods (SBMF 2014). The conference was held in Maceió, Brazil, from September 29 to October 1, 2014, as a part of CBSoft 2014, the Fifth Brazilian Conference on Software: Theory and Practice.

The Brazilian Symposium on Formal Methods (SBMF) is an event devoted to the dissemination of the development and use of formal methods for the construction of high-quality computational systems, aiming to promote opportunities for researchers with interests in formal methods to discuss the recent advances in this area. SBFM is a consolidated scientific-technical event in the software area. Its first edition took place in 1998, reaching the 17th edition in 2014. The proceedings of the last editions were published in Springer's Lecture Notes in Computer Science as volumes 5902 (2009), 6527 (2010), 7021 (2011), 7498 (2012), and 8195 (2013).

The conference program of SBFM 2014 included two invited talks, given by David Deharbe (Universidade Federal do Rio Grande do Norte, Natal, Brazil) and Narciso Martí-Oliet (Universidad Complutense de Madrid, Madrid, Spain), who also taught at CBSoft respective tutorials on Rigorous development of imperative software components and Specifying, programming, and verifying in Maude.

A total of 13 research papers were presented at the conference: 9 full papers and 4 short papers. The first were included in these proceedings, together with the invited talks, while the latter were included only in the preproceedings available at the conference.

These contributions were selected from 34 submissions that came from 18 different countries: Brazil, Canada, Colombia, Denmark, France, Germany, India, Israel, Italy, Pakistan, Portugal, South Africa, Switzerland, Tunisia, Turkey, Ukraine, UK, and Uruguay.

The processes of submission by the authors, paper reviews, and deliberations of the Program Committee were all assisted by EasyChair.

We would like to begin our acknowledgments by thanking all the authors who submitted papers and showed interest in the subject, and next all the Program Committee members and the referees for their hard work in evaluating submissions and suggesting improvements. We are also very grateful to the local organizers of CBSoft 2014, who were coordinated by Marcio Ribeiro, Baldoino Santos Neto, and Leandro Dias da Silva, all from the Universidade Federal de Alagoas, who did an excellent job and managed to run the conference smoothly. And we cannot forget thanking our respective families, for their patience while we were devoting time to SBFM instead of being with them.

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- Brazilian National Institute of Science and Technology for Software Engineering (INES),
- CAPES, the Brazilian Higher Education Funding Council,
- CNPq, the Brazilian Scientific and Technological Research Council,
- Google Inc., and
- Universidade Federal de Alagoas.

We hope you enjoy reading these proceedings as much as we enjoyed preparing them.

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Christiano Braga  
Narciso Martí-Oliet

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Braga, C.; Martí-Oliet, N. (Eds.)

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