Message from the Chairs


This year, the symposium is being held in Porto Alegre, in the state of Rio Grande do Sul, in the South region of Brazil, known for its thriving technology, higher education and research tradition, as well as for traditional agrarian cultures of cattle and crops. The Rio Grande do Sul has often been called the “Barn of Brazil”. On the technology side, Porto Alegre is the home of CEITEC, the first silicon foundry in South America.

We received 33 full paper submissions, of which 12 were accepted for final publication and presentation at the Symposium. In addition we received 5 industrial short papers and 8 “fresh ideas” or “demo” short papers. All industrial, fresh ideas and demo papers were selected by a “lightweight” review process carried out by the program chairs and the ad-hoc invited reviewers. The Program Co-Chairs were impressed by the high quality and range of submissions. The Program Committee, consisting of 40 members, with the help of additional 27 external reviewers, provided a total of 179 in-depth reviews of the submissions. The final program covers a wide range of asynchronous topics spanning from fundamental concepts to chip implementations. The introduction of the “Fresh Ideas” papers from two years ago continues as a forum to present and discuss material not yet sufficiently developed for full publication.

We are very pleased to have 2 Keynote Talks: Dr. Patrick Groeneveld from Synopsys, Inc. will explore the optimization of drive trains in automotive applications; Dr. Paulo Augusto Dal Fabbro from Chipus Microelectronics will talk about the challenges to create and run world-class enterprises to produce microelectronic products in developing countries such as Brazil.

The ASYNC symposium relies on the time and effort of a large number of volunteers, from all corners of the world. It is their help and expertise that makes ASYNC possible. We thank all authors for their effort in submitting high-quality work to ASYNC 2016. We thank the Program Committee members for their hard work in carefully reviewing and discussing the merits of the submissions and in providing extensive, elaborate and constructive feedback, and appreciate the efforts of the many external reviewers. The review feedback from this symposium has a reputation of being among the best quality that authors receive on their submissions.

We thank Intel, Oracle, and the PUCRS Faculty of Informatics (FACIN) for their generous support to this symposium. Please refer to the symposium website (www.asyncsymposium.org) for a complete list of our sponsors and support entities.

We wish you an exciting symposium and a memorable visit to Porto Alegre and Brazil in this first-time edition of ASYNC in Latin America.

Ney L. V. Calazans, General Chair
Julian Pontes and Peter Beerel, Program Co-chairs
Prasad Prakash Joshi, Industrial Liaison Chair