Message from the LADC 2016 General Chairs

The Latin-American Symposium on Dependable Computing (LADC) was held for the first time in Cali, Colombia, in 2016, a year of great social changes in Colombia. LADC 2016 was a great challenge and we are pleased to welcome you all to its seventh edition with a substantial number of contributions. This volume contains the papers presented at LADC 2016 held in Cali, Colombia, from October 19–21, 2016. The symposium is a major Latin-American scientific event and its aim is to provide a forum for researchers and industrial practitioners to exchange new research results, experiences, and findings in the area of dependable computing. The University of Cauca and the University San Buenaventura of Cali, with the co-sponsorship of the IEEE Computer Society and the Brazilian Computer Society (SBC), made possible the seventh edition of LADC 2016.

LADC succeeded the well-established Brazilian Symposium on Fault-Tolerant Computers, which was held every other year from 1985 to 2001. Its first edition was organized in São Paulo in 2003, followed by Salvador, Morelia (México), João Pessoa, São José dos Campos, and Rio de Janeiro.

In this edition, the technical program includes 18 papers distributed in six sessions, covering subjects such as Failure Detection and Impact, Assessment and Proofs, Fault Injection and Testing, Dependability Maintenance, and Dependable Computing Challenges. Also included are the 6 papers of the Workshop on Dependability in Evolving Systems as supplementary material.

Furthermore, the technical program also includes two keynote talks by distinguished members of the research community related to dependability concerns: David Garlan and Ram Chillarege. The symposium also offered various forums for interaction and discussion such as the Workshop on Dependability in Evolving Systems (WDES), Fast Abstracts Sessions, and four Tutorials.

Thanks to the University of Cauca, the University San Buenaventura, the Brazilian Computer Society, and the University of Campinas for providing key human and financial resources toward the achievement of a successful symposium.

Organizing a conference is challenging and its outcome is the fruit of the voluntary work of many people. We felt privileged to be able to count on so many enthusiastic colleagues whom we would like to thank. First, we would like to thank the guidance and support received from Regina Moraes. A symposium such as LADC only succeeds as a great team effort. This was possible because of the dedication and hard work of many partners. We express our thanks to all researchers for submitting papers. Their work was the basis for the success of the symposium. We would also like to thank the Program Committee members and additional reviewers because their work guaranteed the high quality of the symposium. Special thanks to the Keynote Speakers, David Garlan and Ram Chillarege, for giving excellent presentations at the conference. We would also like to thank the members of the Steering Committee, Marcos Aguilera, Jean Arlat, Elias P. Duarte Jr., Fabiola Greve, Mohamed Kaaniche, Rogério
de Lemos, Eliane Martins, Regina Moraes, and Juan Carlos Ruiz Garcia for their advice, encouragement, and support.

We also wish to thank the Universidad San Buenaventura de Cali, the Universidad Del Cauca, the IEEE Computer Society, the Brazilian Computer Society (SBC), and all of the other sponsors and supporters for their contributions and for making the event possible. Last but not least many thanks to Beatriz Grass, Cecilia Camacho, José Luis Jurado, Pablo Ruiz, Victor Peññory, and Nancy Montes for the local organization. For further information, please visit the conference website at http://www.unicauc.edu.co/ladc2016.

We hope all attendees have taken advantage of the rich program offered and the opportunity to meet each other during the conference and the associated social events. Finally, we hope that you enjoy the city of Cali, the World Capital of Salsa, and Colombia, the Country of Magical Realism.

Julio Ariel Hurtado Alegría
César Alberto Collazos
LADC 2016 General Chairs