PROCEEDINGS

XXIX International Conference of the Chilean Computer Science Society

—— SCCC 2010 ——
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Edited by
Sergio F. Ochoa, Federico Meza, Domingo Mery, Claudio Cubillos

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SCCC 2010 Foreword

These proceedings offer a written account of the scientific contributions presented at the 29th International Conference of the Chilean Computer Science Society (SCCC 2010), held in Antofagasta, Chile, on November 15–19, 2010, hosted by Universidad Católica del Norte. This conference provides a forum for presenting and exploring the newest research and developments in computer science. The aim of the conference was to promote collaboration between national and international researchers, especially in Latin America. The key idea was to disseminate ongoing research on algorithms, distributed systems and parallelism, agents and collaborative systems, software engineering and pattern recognition. This volume is a manifestation of the ongoing success of the last 28 editions of the conference since the first edition in 1981 in Santiago, Chile.

SCCC 2010 provides evidence of the growing stature of the Chilean and Latin American scientific community in computer science and of the interest its scientific contributions generate worldwide. It received contributions from 14 countries, registering a total of 109 papers submitted, out of which 46 were accepted for publication in these proceedings and for presentation at the conference, resulting in an acceptance rate of 42%. The review process was carried out by our Program Committee, which was composed of nationally and internationally recognized scientists, all experts in their respective fields. Each paper was subject to a review, carried out by between two and three reviewers.

This conference would never have been successfully completed without the efforts of many people. We wish to thank the authors for the quality of their submissions and their hard work. We are especially indebted to the Program Committee members for their efforts for the proceedings—they ensured a high-quality review and selection process. Additionally, we would like to thank the reviewers, who generously spent their time providing useful comments, often quite detailed, and they certainly offered authors opportunities to improve their work not only for this conference, but also for future research. We thank the local organizing committee for their advice and help in preparing and running the event.

SCCC 2010 was organized by the Chilean Computer Science Society (SCCC), the National Committee for Scientific Research and Technology (CONICYT), and Universidad Católica del Norte de Chile. The event was organized by the Chilean Computer Science Society (SCCC) and Universidad Católica del Norte.

Sergio F. Ochoa, Federico Meza, Domingo Mery, and Claudio Cubillos
February 2011
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