Foreword

These proceedings offer a written account of some of the best scientific contributions presented at the 31st International Conference of the Chilean Computer Science Society (SCCC 2012) and some of its satellite workshops, such as the 1st Chilean Workshop on User Experiences with Information Technology (UXwIT 2012), the 4th Chilean Workshop on Pattern Recognition (CWPR 2012), the 1st Chilean Workshop on Business Process Management (BPM 2012), and the 4th International Workshop on Advanced Software Engineering (IWASE 2012). The conference and the satellite workshops were held in Valparaíso, Chile, on November 12-16, 2012, hosted by Pontificia Universidad Católica de Valparaíso.

SCCC 2012 received 75 submissions from 21 different countries, out of which 33 were accepted for presentation at the conference (this represents an acceptance rate of 44%). Each submission was reviewed by 3 experts from the program committee (PC), which was formed by 42 computer scientists from Chile, Perú, Italy, Argentina, Spain, Brazil and USA.

This conference would never have been successfully completed without the efforts of many people. We would like to thank the authors for the quality of their submissions and their hard work. We are especially indebted to PC members for their efforts in ensuring a high-quality review and selection process. Finally, we would like to thank the local organizing committee for their advise and help in preparing and running the event.

SCCC 2012 was organized by the Chilean Computer Science Society (SCCC), and the School of Informatics of the Pontificia Universidad Católica de Valparaíso.

Rosa Alarcón
Pablo Barceló

PC chairs
Claudio Cubillos

General chair

September, 2013