

Patricia Pesado
Claudio Aciti (Eds.)

Communications in Computer and Information Science

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Computer Science – CACIC 2018

24th Argentine Congress
Tandil, Argentina, October 8–12, 2018
Revised Selected Papers

 Springer

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Editors

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Preface

Welcome to the proceedings of the XXIV Argentina Congress of Computer Science (CACIC 2018), held in Tandil, Buenos Aires, Argentina, during October 8–12, 2018. CACIC 2018 was organized by the National University of the Center (Buenos Aires) on behalf of the Network of National Universities with Computer Science Degrees (RedUNCI).

CACIC is an annual congress dedicated to the promotion and advancement of all aspects of computer science. Its aim is to provide a forum within which the development of computer science as an academic discipline with industrial applications is promoted, trying to extend the frontier of both the state of the art and the state of the practice. The main audience for and participants of CACIC are seen as researchers in academic departments, laboratories, and industrial software organizations.

CACIC 2018 covered the following topics: intelligent agents and systems; distributed and parallel processing; software engineering; hardware architecture; networks and operating systems; graphic computation, visualization, and image processing; computer technology applied to education; databases and data mining; innovation in software systems; computer security, innovation in computer science education; signal processing and real-time system; digital governance and smart cities.

This year, we received 155 submissions. Each submission was reviewed by at least two, and on average 3.2, Program Committee members and/or external reviewers. A total of 116 full papers, involving 368 different authors from 52 universities, were accepted. According to the recommendations of the reviewers, 26 of them were selected for this book.

During CACIC 2018, special activities were also held, including two plenary lectures, one discussion panel, four invited speakers, a special track on Digital Governance and Smart Cities, and an International School with six courses.

Special thanks are extended to the members of the different committees for their support and collaboration. Also, we would like to thank the local Organizing Committee, reviewers, lecturers, speakers, authors, and all conference attendees. Finally, we want to thank Springer for their support of this publication.

April 2019

Patricia Pesado

Organization

The XXIV Argentine Congress of Computer Science (CACIC 2018) was organized by the School of Computer Science of the National University of the Center (UNICEN) on behalf of the Network of National Universities with Computer Science Degrees (RedUNCI).

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