Patricia Pesado
Gustavo Gil (Eds.)

Communications in Computer and Information Science 1584

Computer Science – CACIC 2021

27th Argentine Congress, CACIC 2021
Salta, Argentina, October 4–8, 2021
Revised Selected Papers

Springer

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Preface

Welcome to the selected papers of the 27th Argentine Congress of Computer Science (CACIC 2021), held in an interactive, live online setting due to the COVID-19 situation during October 4–8, 2021. CACIC 2021 was organized by the National University of Salta (UNSa) 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 2021 covered the following topics: intelligent agents and systems; distributed and parallel processing; computer technology applied to education; graphic computation, visualization and image processing; databases and data mining; software engineering; hardware architectures, networks and operating systems; innovation in software systems; signal processing and real-time systems; innovation in computer science education; computer security; digital governance; and smart cities.

This year, the congress received 130 submissions. Each submission was reviewed by at least two, and on average 3.1, Program Committee members and/or external reviewers. A total of 76 full papers, involving 316 different authors from 50 universities, were accepted. According to the recommendations of the reviewers, 21 of these papers were selected for this book.

CACIC 2021 incorporated a number of special activities, including a plenary lecture, two discussion panels, a special track on Digital Governance and Smart Cities, and an International School with four courses.

Special thanks go 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 2022

Patricia Pesado
Gustavo Gil

Organization

The 27th Argentine Congress of Computer Science (CACIC 2021) was organized by the National University of Salta (UNSa) on behalf of the Network of National Universities with Computer Science Degrees (RedUNCI).

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