Hector Florez
Henry Gomez (Eds.)

Communications in Computer and Information Science 1643

Applied Informatics

5th International Conference, ICAI 2022
Arequipa, Peru, October 27–29, 2022
Proceedings

Springer

ICAI

Communications in Computer and Information Science 1643

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Preface

The 5th International Conference on Applied Informatics (ICAI 2022) aimed to bring together researchers and practitioners working in different domains in the field of informatics in order to exchange their expertise and to discuss the perspectives of development and collaboration.

ICAI 2022 was held in blended mode at the Universidad Continental located in Arequipa, Peru, during October 27–29, 2022. It was organized by the Information Technologies Innovation (ITI) research group that belongs to the Universidad Distrital Francisco José de Caldas. In addition, ICAI 2022 was proudly sponsored by Springer and Science Based Platforms.

ICAI 2022 received 90 submissions on informatics topics. Accepted papers covered artificial intelligence, data analysis, decision systems, healthcare information systems, ICT-enabled social innovation, image processing, robot autonomy, software architectures, and software design engineering. The authors of accepted submissions came from the following countries: Argentina, Colombia, Ecuador, Greece, India, Luxembourg, Morocco, Nigeria, Norway, Poland, Russia, Spain, United Arab Emirates, the UK, and USA.

All submissions were reviewed through a double-blind peer-review process. Each paper was reviewed by at least three experts. To achieve this, ICAI 2022 was supported by 58 expert program committee members. The PC members came from the following countries: Argentina, Brazil, China, Colombia, Cyprus, Ecuador, Germany, India, Latvia, Lithuania, Luxembourg, Mexico, Morocco, the Netherlands, Nigeria, Norway, Poland, Portugal, Romania, Spain, and USA. Based on the double-blind review process, 32 full papers were accepted to be included in this proceedings volume of the Communications in Computer and Information Science (CCIS) series, published by Springer.

We would like to thank Jorge Nakahara, Alla Freund, Ramvijay Subramani, and Lekha Shree M from Springer for their helpful advice, guidance, and support in publishing the proceedings.

We trust that the ICAI 2022 proceedings open you up to new vistas of discovery and knowledge.

October 2022

Hector Florez
Henry Gomez

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