Xingming Sun
Xiaorui Zhang
Zhihua Xia
Elisa Bertino (Eds.)

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Advances in Artificial Intelligence and Security

7th International Conference, ICAIS 2021
Dublin, Ireland, July 19–23, 2021
Proceedings, Part II

Part 2

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Nanjing University of Information Science and Technology
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Nanjing, China

Zhihua Xia
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Elisa Bertino
Purdue University
West Lafayette, IN, USA

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Preface

The 7th International Conference on Artificial Intelligence and Security (ICAIS 2021), formerly called the International Conference on Cloud Computing and Security (ICCCS), was held during July 19–23, 2021, in Dublin, Ireland. Over the past six years, ICAIS has become a leading conference for researchers and engineers to share their latest results of research, development, and applications in the fields of artificial intelligence and information security.

We used the Microsoft Conference Management Toolkits (CMT) system to manage the submission and review processes of ICAIS 2021. We received 1013 submissions from authors in 20 countries and regions, including the USA, Canada, the UK, Italy, Ireland, Japan, Russia, France, Australia, South Korea, South Africa, Iraq, Kazakhstan, Indonesia, Vietnam, Ghana, China, Taiwan, and Macao, etc. The submissions covered the areas of artificial intelligence, big data, cloud computing and security, information hiding, IoT security, multimedia forensics, encryption and cybersecurity, and so on. We thank our Technical Program Committee (TPC) members and external reviewers for their efforts in reviewing the papers and providing valuable comments to the authors. From the total of 1013 submissions, and based on at least three reviews per submission, the Program Chairs decided to accept 183 papers to be published in three Communications in Computer and Information Science (CCIS) volumes and 122 papers to be published in two Lecture Notes in Computer Science (LNCS) volumes, yielding an acceptance rate of 30%. This volume of the conference proceedings contains all the regular, poster, and workshop papers.

The conference program was enriched by a series of keynote presentations, and the keynote speakers included Michael Scott, MIRACL Labs, Ireland, and Sakir Sezer, Queen's University of Belfast, UK. We enjoyed their wonderful speeches.

There were 49 workshops organized as part of ICAIS 2021 which covered all the hot topics in artificial intelligence and security. We would like to take this moment to express our sincere appreciation for the contribution of all the workshop chairs and their participants. We would like to extend our sincere thanks to all authors who submitted papers to ICAIS 2021 and to all TPC members. It was a truly great experience to work with such talented and hard-working researchers. We also appreciate the external reviewers for assisting the TPC members in their particular areas of expertise. Moreover, we want to thank our sponsors: Association for Computing Machinery; Nanjing University of Information Science and Technology; Dublin City University; New York University; Michigan State University; University of Central Arkansas; Université Bretagne Sud; National Nature Science Foundation of China; Tech Science Press; Nanjing Normal University; Northeastern State University; Engineering

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April 2021

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