

Mian Ahmad Jan
Fazlullah Khan (Eds.)



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Application of Big Data, Blockchain, and Internet of Things for Education Informatization

First EAI International Conference, BigIoT-EDU 2021
Virtual Event, August 1–3, 2021
Proceedings, Part II

Part 2



Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering

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Preface

We are delighted to introduce the proceedings of the first edition of the European Alliance for Innovation (EAI) International Conference on Application of BigData, Blockchain, and Internet of Things for Education Informatization (BigIoT-EDU 2021), which was held virtually during August 1–3, 2021. The conference aims to provide an international cooperation and exchange platform for big data and information education experts, scholars, and enterprise developers to share research results, discuss existing problems and challenges, and explore cutting-edge science and technology. The conference focuses on research fields such as “big data” and “information education”. The use of artificial intelligence (AI), blockchain, and network security lies at the heart of this conference as we focused on these emerging technologies to excel the progress of big data and information education.

EAI BigIoT-EDU has three tracks: the main track, a late track, and a workshop track. In total, EAI BigIoT-EDU 2021 attracted 500+ submissions. Upon rigorous review, only 144 papers were accepted. The keynote speaker was Paul A. Watters from LaTrobe University, Australia. The workshop was organized on “Information Retrieval and Algorithms in the Era of Information and Communication Technologies” by Ryan Alturki from Umm Al-Qura University, Saudi Arabia. The workshop aimed to focus on advanced techniques and algorithms to retrieve useful information from ICT and connected technologies. Coordination with the steering chair, Imrich Chlamtac, was essential for the success of the conference. We sincerely appreciate his constant support and guidance. It was also a great pleasure to work with such an excellent organizing committee team for their hard work in organizing and supporting the conference. In particular, the Technical Program Committee (TCP), led by our TPC co-chairs, Yinjun Zhang, Yar Muhammad, and Muhammad Imran Khan, who completed the peer-review process for the technical papers and put together a high-quality technical program. We are also grateful to Conference Manager Natasha Onofrei for her constant support and to all the authors who submitted their papers to the EAI BigIoT-EDU 2021 conference, late track, and workshop.

We strongly believe that BigIoT-EDU provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to big data and information education. We also expect that the future BigIoT-EDU conferences will be as successful and stimulating, as indicated by the contributions presented in this volume.

October 2021

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