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432

IoT Technologies for Health Care

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8th EAI International Conference, HealthyIoT 2021
Virtual Event, November 24–26, 2021
Proceedings

Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 432

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ISSN 1867-8211 ISSN 1867-822X (electronic)
Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering
ISBN 978-3-030-99196-8 ISBN 978-3-030-99197-5 (eBook)
https://doi.org/10.1007/978-3-030-99197-5

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Preface

We are delighted to introduce the proceedings of the eighth edition of the European Alliance for Innovation (EAI) International Conference on IoT Technologies for HealthCare (HealthyIoT 2021). This conference brought together researchers, developers, and practitioners around the world who are contributing towards the design, development, and deployment of healthcare solutions based on IoT technologies, standards, and procedures. This year the emphasis has been on using IoT to respond to epidemic/pandemic situations and on the security aspects – keeping the critical IoT infrastructure safe and running in states of emergency.

The technical program of HealthyIoT 2021 consisted of 17 full papers, including one invited paper, in oral presentation sessions at the conference tracks. Oral sessions included high-quality technical presentations of the papers submitted to the HealthyIoT 2021 track, but also of those papers submitted to two other tracks, namely "Wearables in Healthcare" and "AI-assisted Solutions for COVID-19 and Biomedical Applications in Smart Cities", both of which consisted of two oral presentations.

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, we are grateful to the Technical Program Committee who completed the peer-review process or technical papers and helped to put together a high-quality technical program. We are also grateful to the Conference Manager, Elena Davydova, for her support and all the authors who submitted their papers to the HealthyIoT 2021 conference.

We strongly believe that the HealthyIoT conference provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to the creation of healthcare solutions based on IoT technologies, standards, and procedures. We also expect that the future HealthyIoT conferences will be as successful and stimulating as this year's, as indicated by the contributions presented in this volume.

February 2022

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Bruno Silva
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