Special Issue

Big Data for eHealth Applications

Message from the Guest Editors

In the last few years, the rapid growth of the available digitised medical data has opened new challenges for the scientific research community in the healthcare informatic field. The constantly increasing volume of medical data, as well as the complexity and heterogeneity of this kind of data, requires innovative Big Data Analytics methods for extracting valuable insights from them . These solutions must provide effective and efficient tools to improve the quality of the healthcare systems. The recent pandemic emergency has made the need for new Big Data approaches for the processing of such data more urgent.

This Special Issue will be focused on technologies and methodologies in the field of Big Data Analytics for eHealth, also considering their combined use with Internet of Thing (IoT) devices, Artificial Intelligence (AI) methods, and Cyber Security (CS) techniques for the definition of complex systems and architectures for the eHealth domain. A special regard will be paid to papers devoted to the analysis of COVID-19-related Big Data. Contributions can focus on architectures, algorithms, methods; survey papers and reviews are also welcomed.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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