

Special Issue

Reinforcing Preventative Healthcare Solutions with AI, Blockchain and Next Generation Networks

Message from the Guest Editors

This Special Issue considers the adaptation of distributed learning techniques within next generation networks, supported by advanced secure transaction processing technologies such as blockchain to reinforce preventative healthcare solutions. It aims at fostering high-quality research with emerging ideas, approaches, theories, frameworks, and practices in preventive healthcare technology. Researchers, developers, and industry experts are welcome to contribute to the following topics, or to closely related ones:

- Theories, models, and AI tools to enhance preventative healthcare systems.
- Securing patient health data using federated learning solutions and blockchain technology.
- Utilizing AI and wireless communication in the healthcare sector.
- Modeling disease-spread and human behavior using AI methods.
- Secure health monitoring at the edge of the network through wearable sensors.
- Utilizing AI to monitor and analyze real-time health system IoT data.
- Optimizing the use of edge computing resources to enhance the healthcare infrastructure.

https://www.mdpi.com/journal/electronics/special_issues/RPHS_AI_Blockchain_Networks

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Deadline for manuscript submissions

closed (30 September 2021)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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