

Special Issue

Artificial Intelligence of Things (AloT): Opportunities, Challenges, and Solutions

Message from the Guest Editors

The Internet of Things (IoT), with the help of other technologies, such as edge computing, artificial intelligence (AI) and 5G, is driving a significant shift to support the emerging IoT-related applications with specific requirements with better flexibility and efficiency. In this regard, AI subdomains, such as data analytics and learning techniques, play an important role in supporting the emerging IoT-related applications. AI integrated with IoT heralds the era of Artificial Intelligence of Things (AloT). Although AloT could provide some noticeable opportunities and benefits, integrating AI with IoT brings some challenges and concerns. This Special Issue is designed to highlight the important challenges facing AloT and their potential solutions. It also aims to introduce emerging AloT-related applications and presents recent progress in the AloT research domain, ranging from the use of AI to various systems and architecture efficiency.

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Deadline for manuscript submissions

closed (31 March 2024)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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