

Special Issue

Artificial Intelligence in Internet of Things: Challenges and Opportunities

Message from the Guest Editor

The Internet-of-Things is growing fast and is intended to become a key technology of our near future. In a similar way, the availability of high-performance computers has led to a rebirth of neural techniques, thus bringing machine learning and neural networks a technology that can be really used in day-to-day life. This special issue aims at gathering contributions in recent researches dealing with challenges and opportunities relevant to the use of artificial intelligence techniques in the Internet-of-Things world. Topics are but not limited to:

- Distributed artificial intelligence systems for the IoT
- Platforms, middlewares and programming languages for Intelligent IoT systems
- Multi-Agent systems in the context of IoT
- Learning and neural network techniques for embedded platforms or MCUs
- Logic-based AI for embedded platforms or MCUs
- Power consumption minimization in the context of AI techniques for embedded platforms or MCUs
- Low power network protocols for intelligent IoT systems

Guest Editor

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About the Journal

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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