Emerging Topics in Artificial Intelligence (AI): Architectures and Techniques for Real-World Applications

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Deadline for manuscript submissions:
31 July 2024

Message from the Guest Editors

Artificial Intelligence (AI) is a technological innovation that is transforming the world and changing the relationship between humans and machines. This Special Issues focusses on the recent development of AI and aims to collect the latest research works for emerging topics in AI, intelligent systems, machine learning, and deep learning. The potential topics include but are not limited to the following:

- AI and intelligent systems;
- Edge intelligence or Edge AI and computing;
- Distributed AI or distributed deep learning;
- On-device machine learning/deep learning/AI;
- AI and Internet of Things for smart cities;
- Embedded Intelligence on GPU/ FPGA/ SoC;
- Collaborative AI;
- Generative AI;
- AI in software engineering;
- Scalable AI for big data;
- Trusted AI or trustworthy AI;
- Explainable AI;
- Future AI threats and security;
- Future AI and digital health;
- Future AI data-driven technology;
- The future of AI in transportation;
- The future of mobile AI;
- The future of human-centered AI.

mdpi.com/si/191566

Special Issue

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Message from the Editor-in-Chief

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