

Special Issue

Integration of Edge/Fog Artificial Intelligence into Smart Distributed Systems

Message from the Guest Editor

This special issue, titled “Integration of Edge/Fog Artificial Intelligence into Smart Distributed Systems,” invites researchers, scholars, and industry experts to contribute their innovative work and perspectives. We aim to explore key challenges and novel solutions in the intersection of edge/fog computing and artificial, particularly as they apply to IoT applications and smart distributed systems. Submissions are welcomed but not limited to the following areas:

- New paradigms, concepts, and architectures in Edge-AI systems.
- Distributed learning and model training using decentralized algorithms
- AI model deployment at the Edge/Fog
- On devices inference for distributed decision making
- Data processing and information extraction at smart edge devices
- Autonomous contextual awareness with Edge AI
- Decentralized algorithms/approaches for scalability, interoperability, and adaptability in distributed systems
- Distributed fault tolerance approaches used for maintaining quality of service
- Distributed computation offloading algorithms

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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