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## Multi-agent Sensors Systems and Their Applications

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### Message from the Guest Editor

The evolution of multi-agent sensor systems represents a paradigm shift in sensor network design, enabling collaborative and intelligent sensing capabilities across distributed environments. These systems, composed of multiple autonomous sensor nodes that can communicate, cooperate, and adapt to dynamic conditions, possess the potential to revolutionize various applications ranging from environmental monitoring and smart cities to industrial automation and healthcare.

This Special Issue aims to explore the latest developments and applications of multi-agent sensor systems. topics of interest include, but are not limited to, the following:

- Design and optimization of multi-agent sensor networks;
- Collaborative sensing and information fusion techniques;
- Applications of multi-agent sensor systems in IoT, smart environments, and industrial automation;
- Energy-efficient protocols and algorithms for multi-agent sensor networks;
- Security and privacy considerations in multi-agent sensor systems;
- Machine learning and AI approaches for enhancing multi-agent sensor system performance;
- Case studies and real-world deployments of multi-agent sensor systems.



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# Special Issue



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## Message from the Editor-in-Chief

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