Data Fusion and Machine Learning in Sensor Networks

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Message from the Guest Editors

In today's digital world, information is the key factor to make decisions. Ubiquitous electronic sources, such as sensors and video, provide a steady stream of data, while text-based data from databases, the Internet, email, chat, and VOIP, and social media are growing exponentially. The ability to make sense of data by fusing it into new knowledge would provide clear advantages in making decisions.

This Special Issue invites contributions on the following topics (but is not limited to them):

- Data fusion of distributed sensors
- Context definition and management
- Machine learning techniques
- Integration of data fusion
- Ambient intelligence
- Data fusion on autonomous systems
- Human–computer interaction
- Application scenarios for machine learning-based data fusion
- Data fusion model performance evaluation
- Machine learning interpretability in data fusion

Special Issue

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Message from the Editor-in-Chief

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