Advances in Intelligent and Adaptive Decision Support Systems

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Message from the Guest Editors

The aim of the Special Issue is to present significant developments in the field for a wide range of current and future applications. Therefore, we invite researchers working in this area to submit their papers with their latest results to this Special Issue.

Topics of interest include (but are not limited to) the following topics:

- Monitoring systems and sensors;
- Industrial Internet of Things, edge computing, and federated learning;
- Databases and knowledge management;
- Advanced machine-to-machine communication;
- AI-based industrial data analysis and decision support systems in industry;
- Advanced classification and prediction of signals and datasets;
- Modelling and simulation;
- Predictive maintenance and digital twins;
- Human–machine collaboration within the Industry 5.0 paradigm;
- Intelligent supply chain management;
- Intelligent optimization of production processes and ERP;
- E-maintenance and mobile technologies;
- Additive manufacturing, 3D printing, and reverse engineering;
- Green production, sustainability, eco-design, and LCA;
- Innovative thinking and intelligent design;
- Intelligent materials

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Special Issue

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Message from the Editor-in-Chief

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