

Special Issue

AI-Enhanced Decision Support Systems

Message from the Guest Editor

This Special Issue will curate pioneering research that demonstrates this paradigm shift, with a specific focus on the following interconnected areas:

- Image processing & computer vision for DSSs;
- Computer-aided diagnosis & clinical decision support;
- Large Language Models (LLMs) in decision-centric workflows;
- Industrial predictive maintenance (PDM) & operational intelligence;
- Multi-modal data fusion: the architectural backbone.

We welcome contributions that address the integration of two or more of these focus areas, presenting end-to-end AI-DSS solutions that are validated on real-world challenges and include critical discussions on deployment, scalability, and human–AI collaboration.

Guest Editor

Dr. Lu Meng

College of Information Science and Engineering, Northeastern University, Shenyang, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
asi@mdpi.com

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Editor-in-Chief

Prof. Dr. Christos Douligeris
Department of Informatics, University of Piraeus, 18534 Piraeus,
Greece

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