

Special Issue

Digital Engineering Strategies of Smart Production Systems

Message from the Guest Editors

This special issue seeks contributions that provide a scientific basis for the engineering of intelligent production systems. Contributions are invited from researchers and practitioners in various fields related to digitalized industry. Papers are sought in the following areas:

- Smart production systems research and practical applications
- Digital production systems modeling methods
- Multi-scale modeling of manufacturing systems
- Distributed architectures for smart production systems
- Simulation, optimization, and planning of production operations
- Data, sensors, and analytics for IIoT modeling and management
- Data management and decisions
- Applications of knowledge representation and reasoning (AI)
- Applications of machine learning (ML)
- Design et integration of Digital twin systems
- Cyber-physical systems modeling

For detailed information, please visit:

mdpi.com/journal/systems/special_issues/HM2EPFXBL8

Guest Editors

Prof. Dr. Khaled Benfriha

Arts et Métiers Institute of Technology (AMIT), 75013 Paris, France

Dr. Esmâ TALHI

EIGSI, école d'Ingénieurs, 17041 La Rochelle, France

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closed (31 January 2026)



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

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Editor-in-Chief

Prof. Dr. Ben Clegg
Operations & Service Management Department, Aston Business
School, Birmingham B4 7ET, UK

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