

Special Issue

Scheduling, Optimization of Production Systems and Equipment Maintenance: Towards Efficient and Sustainable Manufacturing

Message from the Guest Editors

Efficient and sustainable manufacturing is an effective method for achieving energy conservation and green production. It has received significant attention from both academia and industry in recent decades. Job scheduling and maintenance planning both play an important role in efficient and sustainable manufacturing. This Special Issue aims to attract the latest ideas and emerging research related to job scheduling and maintenance planning. It aims not only to advance the state-of-the-art methodologies but also their novel applications in solving real world problems, which is fully within the scope of the journal. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Production planning;
- Job scheduling;
- Smart factory;
- Industry 4.0;
- Maintenance and reliability modelling;
- Reliability and maintenance engineering;
- Degradation modelling and reliability assessment;
- Diagnostics and prognostics;
- Fault tolerance and safety critical systems;
- Physical models for systems reliability;
- Prognostics and health management.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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