



Advances in Artificial Intelligence and Metaheuristics Methods for Planning and Scheduling

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Message from the Guest Editors

This Special Issue will focus on recent theoretical and computational studies of the application of metaheuristics and nature-inspired optimization techniques to planning and scheduling in real-world problems. Topics include but are not limited to:

1. Intelligent optimization for production planning and scheduling.
2. Evolutionary computation and metaheuristics: theory and foundations.
3. Hybrid optimization techniques (swarm intelligence, evolutionary algorithms).
4. Computation using neural networks and fuzzy systems.
5. Dynamic production scheduling.
6. Metaheuristic parametrization and self-parametrization techniques.
7. Machine learning for planning and scheduling optimization.
8. AI for planning and scheduling.
9. Multi-criteria approach in planning and scheduling.
10. Applications in industry, transportation, services, and others.
11. Use case applications in Industry 4.0, transportation, health systems, and telecommunication (5G).

Advances in artificial intelligence and metaheuristics methods and their hybrids for planning and scheduling are particularly welcome in this Special Issue.

Special Issue





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Message from the Editor-in-Chief

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