

Dear Colleagues,

Scheduling is the process of assigning a set of resources to certain tasks over time in order to meet one or several objectives subject to a set of constraints. These scheduling processes appear in many real-world situations including the service and manufacturing industry, transportation, computer science, engineering, etc., which has resulted in numerous studies and solution procedures.

Traditional optimization techniques based on mathematical and dynamic programming have been unable to find a quality solution for many real-world scheduling problems subject to many sources of uncertainty, randomness, nonlinearity, high dimensionality structures, multimodality, etc.

This Special Issue is devoted to Optimization Management in Scheduling Problems. All contributions related to these topics are welcome, either from a theoretical perspective or through application case studies. For example, those related to projects and machine scheduling in the automotive and aviation industry, transportation industries like railway, retail and manufacturing industries, construction and engineering management, etc.