

Special Issue

Advances in Petri Nets and Decision-Making

Message from the Guest Editor

Petri nets have received much attention from researchers and practitioners over the past few decades thanks to their distinctive abilities and conveniences in modeling, analysis, and control of various systems where computers play a central role in system design, operation, control, and maintenance. The applications of Petri nets range from software systems, workflows, production, urban traffic, and logistics to the contemporary infrastructures of human society, where Petri nets can be used as the models of decision-making. In many cases, the decision-making support component in general controls and manages the evolution of a system. Due to their inherent features and characteristics, e.g., graphical representations and natural expressions of logic inference, Petri nets are appropriate for modeling a decision-making process via interacting with a system external environment by collecting the information and data that are even of uncertainty.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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