Membrane Computing and Its Applications

Guest Editors:

Prof. Dr. Ping Guo

Prof. Dr. Gexiang Zhang

Dr. Bosheng Song

Prof. Dr. Tao Song

Deadline for manuscript submissions:
30 October 2024

Message from the Guest Editors

Membrane computing (MC) is a computing paradigm inspired by the structure and functionality of living cells. The theory, method, simulation, and application of membrane computing have developed rapidly since it was proposed by Professor Gheorghe Păun in 1998. The computing system based on membrane computing idea is called the P system, which has been widely combined with computer science, neural computing, natural heuristic optimization, and other disciplines, and has produced a lot of theoretical and application achievements.

This Special Issue aims to publish new ideas and original research results of membrane computing from theory to application, hoping to promote membrane computing to a wider computer science community and promote its wider research and application. Theoretical results, application methods, system design, and simulation implementation are all welcome.

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us