Modeling, Simulation and Design of Membrane Computing System

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Message from the Guest Editors

This Special Issue on the "Modeling, Simulation, and Design of Membrane Computing Systems" aims to provide a relevant compilation of novel significant advances in the computational modeling of complex systems based on membrane computing and the development of software tools to aid in the design and simulation of such models. Ground-breaking contributions are welcomed in the fields of the design of membrane P systems, modeling frameworks, and simulation tools. Topics include, but are not limited to:

- Novel modeling techniques within membrane computing
- Complex systems modeling based on P systems
- Applications of membrane computing models in real problems in Biology, Medicine, Economy, Robotics, etc.
- Simulation algorithms
- Software tools to aid in the modeling, verification and simulation of membrane systems
- Hardware implementations, and High Performance Computing
- Design of membrane computing solutions to relevant problems
- Automatic design of membrane systems
- Membrane algorithms to solve optimization problems
- Theoretical contributions providing membrane system variants suitable for modelling

Special Issue

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Message from the Editor-in-Chief

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