Special Issue

Applications of Evolutionary Computation: Past Success and Future Challenges

Message from the Guest Editor

Evolutionary computation (EC) counts nearly 50 years of research. During these decades, EC has been applied in many fields, such as engineering, operational research, finance, telecommunication, sports science, and, most recently, it is combined with machine learning. This Special Issue aims to highlight the latest applications of EC. Therefore, I invite you to submit original studies applying EC in challenging real-world problems. Moreover, studies addressing the recent trend of evolutionary computation for machine learning are highly welcome. Another aim of this Special Issue is to present some application areas in which EC has established its position as a powerful optimization tool. Thus, I also seek surveys that discuss the achievements of EC in various fields. Works providing a review of established EC algorithms fall within the scope of this Special Issue, too. The Special Issue focuses on the applications of existing evolutionary/nature-inspired algorithms, not the introduction of new metaphor-based algorithms. Therefore, submissions proposing a new algorithm are discouraged.

Guest Editor

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Deadline for manuscript submissions

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Computation

About the Journal

Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation,* an international open access journal, which is published monthly online by MDPI.
The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, computational social science and computational engineering.

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