

Special Issue

Applications of Multi-Objective Evolutionary Algorithms

Message from the Guest Editor

Multi-objective evolutionary algorithms (MOEAs) are population-based metaheuristics that allow us to find, in a single run, multiple Pareto solutions for multi-objective problems. This property allows the decision maker to choose, in an "a posteriori" decision process, the most satisfactory solution according to the current decision environment. In this way, if the decision environment changes, it is not necessary to run the algorithm again, but simply to choose another solution from the set of Pareto solutions. MOEAs are very powerful techniques that have been applied successfully in numerous applications and multiple types of optimization, search and machine learning problems. This Special Issue invites original research papers that report on the state-of-the-art and recent advancements in "Applications of Multi-Objective Evolutionary Algorithms". The scope of this Special Issue encompasses applications in engineering, artificial intelligence, physical science, social science, business, economy, market research, and medical and health care.

Guest Editor

Dr. Fernando Jiménez

Faculty of Informatics, University of Murcia, 30003 Murcia, Spain

Deadline for manuscript submissions

closed (30 June 2020)



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Computation
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Ali Cemal Benim

Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

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