

Special Issue

Evolutionary and Swarm Intelligence Approaches for Recommender Systems

Message from the Guest Editors

The proposed Special Issue focuses on the integration of recommender systems and metaheuristic algorithms, aiming to advance global optimization, multi-objective decision making, and intelligent personalization in data-driven recommendation environments. Traditional recommendation techniques—such as collaborative filtering, matrix factorization, and deep or graph-based recommenders—often face challenges including local optima, parameter sensitivity, and trade-offs between accuracy, diversity, novelty, and fairness. Metaheuristic optimization methods (e.g., genetic algorithms, particle swarm optimization, ant colony optimization, grey wolf optimization, and hybrid evolutionary strategies) provide a flexible and powerful framework for addressing these issues through adaptive search and multi-objective exploration.

Guest Editors

Dr. Haichuan Yang

Prof. Dr. Shangce Gao

Prof. Dr. Ancai Zhang

Dr. Qin Chang

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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