

Special Issue

Evolutionary Machine Learning: Methods, Theory, and Applications

Message from the Guest Editors

This Special Issue focuses on theoretical advances, algorithmic developments, and practical applications of evolutionary machine learning. Contributions related to AutoML, federated learning, and transfer learning are welcome when they emphasize evolutionary or population-based optimization components, or when they provide novel insights into the roles of evolutionary methods in automated, distributed, or knowledge transfer-based learning systems. Likewise, contributions on machine learning for evolutionary algorithm analysis, control, and self-adaptation are strongly encouraged.

This Special Issue will bring together high-quality contributions that advance the state of the art in evolutionary machine learning, foster interaction between the evolutionary computation and machine learning communities, and highlight emerging research directions in adaptive, automated, and distributed learning driven by evolutionary principles.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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