

## Special Issue

# Evolutionary and Swarm Computing for Emerging Applications

### Message from the Guest Editor

As we stand on the brink of a technological and AI revolution, the role of evolutionary and swarm computing (EvoSwarm) in shaping the future of emerging technologies cannot be overstated. This Special Issue is dedicated to exploring the cutting edge of EvoSwarm, delving into its transformative effects on modern technological innovations. With its intrinsic capabilities to optimize, adapt, and evolve, EvoSwarm has emerged as a fundamental component in the realm of advanced technology development. This Special Issue is dedicated to uncovering the potential of EvoSwarm in driving advancements in emerging technologies. Our goal is to highlight not only the theoretical advancements in EvoSwarm but also its practical applications in pioneering technological domains. We seek to provide a platform for researchers and innovators to present their latest findings, discuss challenges, and propose novel solutions in applying EvoSwarm to the ever-evolving landscape of technology.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2025)



## Algorithms

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## About the Journal

### Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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### Editor-in-Chief

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