

Special Issue

Bioinspired Behaviors and Control Strategies Empowering Swarm Intelligent Systems

Message from the Guest Editors

This Special Issue aims to collect the latest results from the boundary between control theory and swarm intelligence, and to discuss the extent to which modern bioinspired approaches are having a favorable impact on effective applications of swarm intelligence, creating new findings on novel paradigms, research directions and innovative solutions in swarm robotics. To this end, we encourage submissions of theoretical papers with a clear application in swarm intelligence, as well as experimental papers dealing with relevant questions in swarm robotics.

Guest Editors

Dr. Emanuela Del Dottore

Istituto Italiano di Tecnologia, Genova, Italy

Dr. Michele Palladino

Department of Information Engineering, University of L'Aquila, L'Aquila, Italy

Deadline for manuscript submissions

closed (30 April 2023)



Biomimetics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed



mdpi.com/si/122690

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

[mdpi.com/journal/
biomimetics](https://mdpi.com/journal/biomimetics)





Biomimetics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed



[mdpi.com/journal/
biomimetics](https://mdpi.com/journal/biomimetics)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Stanislav N. Gorb

Department of Functional Morphology and Biomechanics, Zoological
Institute, Kiel University, 24118 Kiel, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q2
(Biomedical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).