Neuromorphic and Bioinspired Computing: Bridging Biology and Technology

Guest Editors:

Dr. Arash Ahmadi
Department of Electronics, Carleton University, Ottawa, ON K1S 5B6, Canada

Dr. Amirali Amirsoleimani
Department of Electrical Engineering & Computer Science, York University, Toronto, ON M3J 1P3, Canada

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to explore and showcase cutting-edge research and developments in neuromorphic and bioinspired computing. This issue will focus on the latest advancements, challenges, and future directions in these rapidly evolving areas.

We welcome original research articles, comprehensive reviews, and short communications that address various aspects of neuromorphic and bioinspired computing, including but not limited to:

1. Neuromorphic Hardware Design and Implementation
2. Spiking Neural Networks and Their Applications
3. Bioinspired Algorithms and Optimization Techniques
4. Neuromorphic Computing for Machine Learning and Artificial Intelligence
5. Brain-Inspired Robotics and Sensorimotor Systems
6. Neuromorphic Computing for Neuromorphic Engineering and Cognitive Science
7. Emerging Technologies and Future Directions

We encourage submissions that present theoretical advancements and demonstrate practical applications and real-world impact. Interdisciplinary approaches combining insights from neuroscience, computer science, engineering, and related fields are welcome.

Special Issue

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie
Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

Message from the Editor-in-Chief

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