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Recent Advances and Related Technologies in Neuromorphic Computing

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Deadline for manuscript submissions:
closed (15 October 2024)

Message from the Guest Editors

Dear Colleagues,

Neuromorphic computing, inspired by biology and mimicking the neural systems of the human brain, promises extraordinary performance and energy efficiency. In addition to this, neuromorphic computing is ideally suited to low-power edge AI applications.

This Special Issue aims to explore the recent advances, challenges, and related technologies in the field of neuromorphic computing. Original research articles and reviews are welcome. Research areas may include, but are not limited to, the following:

- Memristive devices for neuromorphic computing;
- Dynamics of nonlinear systems;
- Dynamic memories on memristor-based circuits and systems;
- Emerging technologies for neuromorphic computing;
- Computational neuroscience;
- Mathematical modeling of neural systems;
- Neurodynamic optimization and adaptive dynamic programming;
- Embedded neural systems;
- Hybrid intelligent systems supervised;
- Robotic and control applications.

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Message from the Editor-in-Chief

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