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## **Computational Intelligence: Spiking Neural Networks**

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Deadline for manuscript submissions: closed (20 October 2023)

## **Message from the Guest Editors**

It is our pleasure to announce a new Special Issue "Computational Intelligence: Spiking Neural Networks" in the journal *Big Data and Cognitive Computing*.

This Special Issue encourages researchers to present their recent theoretical and application-oriented advances involving spiking neural networks. Topics include novel theoretical approaches for learning using SNNs, bioinspired learning, edge-computing, interpretability in SNNs, deep spiking neural networks, research involving neuromorphic hardware and application of SNNs in areas such as robotics, autonomous systems, etc.

This Special Issue invites contributions, including, but not limited to, the following detailed topics:

- Bio-inspired learning;
- Learning algorithms for SNNs to handle temporal, spatiotemporal data, etc.;
- Edge-computing;
- Interpretability in SNNs;
- Deep spiking neural networks;
- Robotics;
- Research involving neuromorphic and other hardware platforms.

**Special**sue

