



## Memristive Devices and Systems: Modelling, Properties & Applications

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**closed (1 October 2022)**

### Message from the Guest Editors

This Special Issue intends to provide a comprehensive overview of key computational primitives enabled by these memory devices as well as their applications, spanning edge computing, signal processing, optimization, machine learning, deep learning, stochastic computing, and so on.

Topics of interest include but not limited to:

- memristive device preparation
- memristive device modeling and analysis
- novel electronic devices that show memristive properties
- novel memristive circuit design solutions for neuromorphic systems
- memristive circuit fault diagnosis and analysis
- memristive systems for different applications (e.g., edge computing, signal processing, optimization, machine learning, deep learning, and stochastic computing)
- nonvolatile memory solutions with computing capabilities
- and memory devices and systems for in-memory computing





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## Message from the Editor-in-Chief

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