

Special Issue

Applications of Computational Intelligence, Volume 2

Message from the Guest Editors

Computational intelligence (CI) is the theory, design, application, and development of biologically and linguistically motivated computational paradigms. Traditionally, the three main pillars of CI have been neural networks, fuzzy systems, and evolutionary computation. However, over time, many nature-inspired computing paradigms have evolved. Over the last few years, there has been an explosion of research on deep learning, specifically deep convolutional neural networks, and deep learning has become the core method for artificial intelligence. In fact, some of the most successful AI systems today are based on CI. This Special Issue invites researchers to contribute high-quality original research papers and surveys on any aspect of computational intelligence, especially papers that show the power and impact of applications of computational intelligence. The main topics for the Special Issue include, but are not limited to, the following keywords.

- artificial intelligence
- neural networks
- evolutionary computation
- fuzzy logic and systems
- swarm intelligence
- deep learning
- applications of computational intelligence

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2024)



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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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