

## Special Issue

# Green Artificial Intelligence: Theory and Applications

### Message from the Guest Editors

The environmental impact of artificial intelligence (AI) has been a hot topic as of late. This Special Issue aims to publish original research of the highest scientific quality on the theory and application of green AI. The scope includes theoretical and experimental studies that contribute to novel developments in fundamental research and its applications. Potential topics for submissions include, but are not limited to, the following:

- Green sustainable technologies;
- Fuzzy systems for modelling and simulation;
- Control and optimization;
- Information processing;
- Theories and applications;
- Artificial intelligence;
- Machine learning;
- Machine reasoning;
- Complex systems;
- Smart power management and green technology;
- Optimization in machine learning and applications;
- Responsible and ethical AI;
- Green energy efficient software

We look forward to receiving your contributions.

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### Guest Editors

Dr. Alexander Gegov

Dr. Femi Isiaq

Dr. Raheleh Jafari

Dr. Kalin Penev

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### Deadline for manuscript submissions

closed (15 October 2024)



## Electronics

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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