

## Special Issue

# Signal Processing, Grammatical Evolution and Artificial Intelligence of Signals

### Message from the Guest Editor

It is my pleasure to invite you to submit your valuable work to this Special Issue on “Signal Processing, Grammatical Evolution and Artificial Intelligence of Signals” of the reputable MDPI journal *Signals*. The aim of this Special Issue is to present recent advances and extensions in grammatical evolution, application of the method in scientific and practical areas, and software specialized to grammatical evolution, as well as artificial intelligence methods applied to signal processing. This Special Issue aims to highlight advances in signal processing, grammatical evolution and artificial intelligence in relation to signals. Topics include but are not limited to:

- Application of grammatical evolution in signal processing;
- Evolution of neural networks using grammatical evolution;
- Feature construction using grammatical evolution;
- Parallel techniques for grammatical evolution;
- Robotics and grammatical evolution;
- Self-organizing maps and grammatical evolution;
- Software specialized to grammatical evolution and its applications;
- Language inference with grammatical evolution;
- Usage of artificial intelligence techniques on signal processing.

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### Guest Editor

Prof. Dr. Ioannis Tsoulos

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### Deadline for manuscript submissions

closed (31 October 2022)



## Signals

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## About the Journal

### Message from the Editor-in-Chief

Our primary goal is to encourage scientists and engineers to publish their theoretical results and developed methods in as much detail as possible. There is no limit to the maximum length of papers. Whenever possible, authors are encouraged to provide relevant data and developed code so that the results can be reproduced. Our goal is to provide a platform for scientists and engineers to share new approaches to signal processing in various application domains.

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### Editor-in-Chief

Prof. Dr. Santiago Marco

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.9 days after submission; acceptance to publication is undertaken in 7.6 days (median values for papers published in this journal in the first half of 2025).

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