



Methods on Discrete Dynamical Systems, Networks, and Optimization for Signal Modelling

Guest Editor:

Dr. Ioannis Dassios

School of Electrical and
Electronic Engineering, University
College Dublin, D04 V1W8 Dublin,
Ireland

Deadline for manuscript
submissions:
closed (15 January 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims at collecting the latest results related to Discrete Dynamical Systems, Mathematics of Networks, Optimization, and their application in the mathematical modeling of Signals.

This Special Issue will accept high-quality papers having original research results, and its purpose is to bring together Mathematicians with Engineers, as well as other scientists.

Topics to be covered included but are not limited to:

Differential/difference equations;

Partial differential equations;

Dynamical systems;

Mathematics of networks;

Fractional calculus;

Modelling and stability analysis of signal models;

Discrete calculus;

Circuits theory;

Signal processing.





Editor-in-Chief

Prof. Dr. Santiago Marco

1. Department of Electronics and Biomedical Engineering, University of Barcelona, Martí I Franqués 1, 08028 Barcelona, Spain
2. Signal and Information Processing in Sensor Systems, Institute for Bioengineering of Catalonia, The Barcelona Institute of Science and Technology, Baldiri Rexac 10-12, 08028 Barcelona, Spain

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Inspec](#), and [other databases](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.1 days after submission; acceptance to publication is undertaken in 4.9 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Signals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/signals
signals@mdpi.com
[X@Signals_MDPI](https://twitter.com/Signals_MDPI)