

Special Issue

Recent Advances in Security and Privacy for Wireless Sensor Networks Backed by Mathematical Models

Message from the Guest Editor

The last two decades have witnessed tremendous advances in wireless communication and microelectronic technology leading to an active research area named wireless sensor networks (WSNs), where a number of low-cost and low-power sensor nodes cooperate in performing complex sensing, processing, and communication tasks. WSNs are currently used in many applications (e.g., industrial, military, or health-related fields) that deal with sensitive information. This Special Issue will publish high-quality research papers, backed by mathematical evidence, in the area of WSN information security. We warmly invite researchers from both academia and industry to submit their original and novel work presenting new models, frameworks, techniques, or protocols to address security challenges related to wireless sensor networks. Tutorial or survey papers are also welcome.

Guest Editor

Prof. Dr. Daniel-Ioan Curiac

Department of Automation and Applied Informatics, Politehnica University of Timisoara, V. Parvan 2, 300223 Timisoara, Romania

Deadline for manuscript submissions

closed (31 August 2020)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/32259

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).