

## Special Issue

# Computational Intelligence for Cybersecurity Applications

### Message from the Guest Editors

Computational intelligence offers intelligent solutions, based on concepts and methods of artificial intelligence, which are capable of efficiently solving any type of complex problem defined by practical or formal criteria, and can be a source of inspiration for innovative and productive applications in cybersecurity. The present chapter introduces computational intelligence concepts, details the architecture and their main features, and emphasizes the importance of computational intelligence methods in ensuring cybersecurity. Various security domains such as steganography, cryptography, cloud security, and information security show areas where computational intelligence plays a very important role. The chapter also presents an overview of recent works carried out in the application of computational intelligence in cybersecurity. The growth of the internet and the extensive reliance on information technology have made the protection of information a real necessity that is becoming more and more present in our daily lives.

### Guest Editors

Dr. Yassine Maleh

Prof. Dr. Karim Ouazzane

Dr. Ahmed A. Abd El-Latif

### Deadline for manuscript submissions

closed (31 December 2024)



## Computation

an Open Access Journal  
by MDPI

Impact Factor 1.9  
CiteScore 4.1



[mdpi.com/si/205384](https://mdpi.com/si/205384)

*Computation*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[computation@mdpi.com](mailto:computation@mdpi.com)

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





# Computation

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 4.1



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



## About the Journal

### Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation*, an international open access journal, which is published monthly online by MDPI.

The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, computational social science and computational engineering.

---

### Editor-in-Chief

Prof. Dr. Ali Cemal Benim

Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPlus / SciFinder, Inspec, dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Mathematics, Interdisciplinary Applications) /  
CiteScore - Q1 (Applied Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the first half of 2025).