



## Cyber Security and AI

Guest Editors:

**Prof. Dr. Yushu Zhang**

College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing 211106, China

**Dr. Zhongyun Hua**

School of Computer Science and Technology, Harbin Institute of Technology, Shenzhen 518000, China

Deadline for manuscript submissions:

**closed (31 March 2024)**

### Message from the Guest Editors

- Cyber security is the protection of internet-connected systems such as hardware, software, and data from cyberthreats. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information, extorting money from users, or interrupting normal business processes. Recently, with the fast development of artificial intelligence (AI), some classical problems in cyber security have been solved. However, new technologies are gradually being used by criminals, which causes new security issues for cyberspace. When AI is applied to large-scale network attacks, attackers can adaptively generate attack programs and pass a large number of automated attacks. Using AI, attackers can hide attack behaviors, attack paths, etc., making it more difficult for defenders to detect and detect such attacks. AI technology may also be used to steal secret data from users, thereby causing more serious security problems. AI technology can be used to improve cyber security, and can also cause many new security issues for cyberspace. This Special Issue of *Sensors* is dedicated to original research and recent developments on cyber security and AI.





*sensors*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Vittorio M. N. Passaro**

Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

## Author Benefits

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

**High Visibility**: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

**Journal Rank**: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)