

## Special Issue

# Artificial Intelligence in Cybersecurity for Industry 4.0

### Message from the Guest Editors

To motivate the creation of innovative AI-based applications in cybersecurity for Industry 4.0 towards security driving, the goal of this Special Issue is to find exceptional solutions among the high-quality submissions, providing key insights into cybersecurity and the implications for achieving the Industry 4.0 goal, exploring associated technologies such as the Industrial Internet of Things and cloud-based design and manufacturing systems, and including a detailed examination of the internet's economies of scale and related cybersecurity problems. The suggested topics include, but are not limited to:

- AI-based security strategies for cybersecurity in Industry 4.0;
- AI-based multiscale cybersecurity management in Industry 4.0, e.g., security management problems in IIoT systems;
- AI-based security intelligence for Healthcare Industry 4.0;
- AI-based paradigm for cloud-based smart factory of Industry 4.0;
- AI-based intrusion detection of Industry 4.0;
- AI-based securing devices, sensors, and wearable systems of IIoT systems;
- Security and privacy of Industry 4.0;
- Machine learning for cybersecurity of Industry 4.0;
- Deep learning for cybersecurity of Industry 4.0.

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### Guest Editors

Dr. Tarek Gaber

Dr. Joseph Bamidele Awotunde

Dr. Ali Ahmed

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### Deadline for manuscript submissions

closed (31 August 2023)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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