



an Open Access Journal by MDPI

Cyber Security in the Industrial Internet of Things

Guest Editors:

Dr. Giorgio Di Natale

TIMA – CNRS, Université
Grenoble-Alpes, Grenoble INP,
UMR 5159, 46, avenue Félix
Viallet, 38031 Grenoble, CEDEX,
France

Dr. Honorio Martin

Carlos III University of Madrid,
Department of Electronic
Technology, Avenida de la
Universidad, 30, 28911 Leganés,
Madrid, Spain

Deadline for manuscript
submissions:

closed (20 October 2021)

Message from the Guest Editors

The Industrial Internet of Things (IIoT) envisions a world where critical infrastructures are monitored and controlled through the network. The IIoT's adoption may allow for the optimization of many industry domains. Nevertheless, all of this interconnection will expand the cyberattack surface to unprecedented levels.

This Special Issue on “Cyber Security in the Industrial Internet Of Things” aims to stimulate open scientific discussions on new solutions and trends in response to the main security and trust challenges in the IIoT.

In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- software and hardware protection mechanisms
- trust and security lifecycle management
- trusted device identification and communication
- privacy issues
- cryptography and lightweight cryptography
- security-by-design
- blockchain technologies
- security in emerging fields: artificial intelligence, neural networks, deep-learning, and approximate computing
- case studies



mdpi.com/si/56558

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/AtApplsci)