Special Issue

New Security and Privacy Challenges in Industrial Internet of Things

Message from the Guest Editor

The Industrial Internet of Things (IIoT) is a dynamic and emerging trend aimed at employing Internet of Things technologies in industrial processes, especially for automation and data analytics aspects. As an evolution of cyber–physical systems, IIoT systems are nowadays considered as key enablers for the so-called Industry 4.0 revolution. The objective of IIoT is usually to boost competitiveness by providing for ubiquitous connectivity to industrial facilities, but also by improving the decision support systems with better and more comprehensive data analytics. In this sense, IIoT includes notable areas of application such as smart factories, smart logistics, and smart lifecycle management. Despite their potentials, IIoT deployments are exposed to many security risks at all levels of the communication stack. Moreover, they often treat personal data, for example, data regarding customers or employees, that must be processed according to privacy constraints. This Special Issue of MDPI Journal *Applied Sciences* aims at attracting original research contributions and SoKs regarding security and privacy challenges and solutions for IIoT environments.

Guest Editor

Dr. Pericle Perazzo

Department of Information Engineering at University of Pisa, Pisa, Italy

Deadline for manuscript submissions

closed (15 August 2022)

Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3

mdpi.com/journal/
applsci

MDPI

About the Journal

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.

Editor-in-Chief

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

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), Inspec, CAPlus / SciFinder, and other databases.

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