

Special Issue

Cyber-Physical Systems Security: Challenges and Approaches

Message from the Guest Editors

Cyber-Physical Systems (CPSs) are an integral part of modern technology, serving as key components of smart cities, Industry 4.0, transportation, medicine, and critical infrastructure. These systems integrate digital technologies with physical processes, enabling remote management and monitoring. While this integration offers numerous benefits, it also introduces new risks. As the boundaries between the physical and digital worlds become increasingly blurred, the importance of security in these complex systems—which, if breached, could cause unprecedented damage—is growing. The Special Issue “Cyber-Physical Systems Security: Challenges and Approaches” addresses the pressing need for the industry to understand threats and implement effective protection methods. Our goal is to provide readers with comprehensive knowledge and inspiration to design innovative solutions that address today’s challenges and ensure the safe advancement of this dynamic field.

Guest Editors

Dr. Jakub Szyguła

Dr. Dariusz Marek

Dr. Krzysztof Bernacki

Dr. Grzegorz Tytko

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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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

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