

Special Issue

New Insights in Information Security and Data Privacy: Challenges and Solutions

Message from the Guest Editors

A surge in technological advancements has granted users unprecedented access to a wealth of data. While this brings numerous benefits, it also catapults cybersecurity and data privacy into the spotlight.

Cutting-edge technologies such as AI, IoT, industry-critical systems, and generative AI, though offering transformative advantages, are now prime targets for cyber attackers. The purpose of this Special Issue is to bring together the most recent research results on information security and data privacy, discuss and understand the challenges and opportunities, and find possible solutions. The topics of interest of this Special Issue include (but are not limited to) the following:

Topics: (1) Machine learning and AI in security; (2) Data privacy and data quality assurance; (3) Privacy enhancing technology; (4) Security in smart technologies; (5) IoT security; (6) Cybersecurity awareness and training; (7) Healthcare privacy; (8) Vulnerability analysis in information system; (9) Regulatory compliance; (10) Advanced secure information processing.

Guest Editors

Dr. Shancang Li

Faulty of Engineering, Department of Civil Engineering, University of Bristol, University Walk, Clifton BS8, UK

Dr. Shanshan Zhao

Engineering Modelling and Simulation (EMS) Research Group, University of the West of England, Bristol, UK

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

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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