

Special Issue

Advances in Computer Network Security and Information Retrieval Technology

Message from the Guest Editor

Modern civilizations rely heavily on the availability of trustworthy forms of networked communication. Information retrieval technology relies heavily on annotating and extracting information attributes. Operating and protecting computer networks in the face of a persistent security threat is difficult. The state of the art in computer network protection methods and tools is critical. Substantial consideration given to the integrated nature of network security tools, policies, and administrative goals. Data organisation is the other main focus and the key to implementing good information retrieval technology. To protect the privacy of information transmitted over the internet, information retrieval through a network is not simply an effective method of gathering data. This Special Issue provides an in-depth look at the practical applications and future directions of computer network security and information retrieval technology after a review of their current condition. Topics include but are not limited to:

- network security
- information retrieval
- confidentiality, authenticity, privacy
- search engine

Guest Editor

Dr. Adamu I. Abubakar
Department of Computer Science, International Islamic University
Malaysia, Kuala Lumpur 50728, Malaysia

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