

Special Issue

Advances on Networks and Cyber Security

Message from the Guest Editors

This Special Issue will include a selection of papers covering a range of subjects, focusing on topical areas of computer networks and security, with a specific emphasis on novel environments, ranging from 5G and virtualized infrastructures to Internet of Things, smart environments and cyber security issues. Networking represents the underlying core of current IT systems, providing the necessary communication support for complex infrastructures. Recent years have witnessed a number of novel concepts moving from theory to large scale implementations, such as software defined networking, network function virtualization, 5G, smart environments, and IoT. These concepts fundamentally change the paradigms used in traditional networking, with a number of areas, such as network routing and system or business security, having to adjust or redesign to accommodate them. While the benefits are clear, through the advent of new applications, use cases, improved user interaction and experience, they also introduce new challenges for generic network architectures, mobility, security and traffic engineering.

Guest Editors

Prof. Dr. Stavros Shiaeles

Dr. Bogdan Ghita

Prof. Dr. Nicholas Kolokotronis

Deadline for manuscript submissions

closed (30 September 2023)



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About the Journal

Message from the Editor-in-Chief

Network provides full coverage of all topics of interest involved in the networking area. The purpose of this journal is to bring together researchers, engineers, and students from academia and industry to present novel ideas and solid research about the theoretical and practical aspects in the application domains of communications and networks. The primary focus of the journal is on the analysis, modeling, design, simulation, and implementation of networks. This journal will also serve to attract research concerning applying networking architectures and scenarios to emerging research topics such as Internet of Things (IoT), edge computing, distributed ledger technology, among others.

Editor-in-Chief

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