

Special Issue

Advances in Network and Applications

Message from the Guest Editor

This special issue intends to focus on understanding challenges such as security, privacy, communication protocols, and network infrastructure for efficient and scalable QoS for Advanced networks and their applications and explore innovative solutions proposed with the help of cutting-edge technologies such as network functional virtualization, blockchain, and federated learning techniques. Applications include healthcare, smart transportation systems, and smart-city infrastructures, to name a few. Hence, papers addressing the security, trust and privacy challenges in the following areas but not limited to, are highly welcome:

- IoT
- Smart-Grid Systems
- Critical Infrastructures
- Transportation Systems
- Healthcare

This issue seeks novel submissions describing practical and theoretical solutions to all of the above challenges. The proposed issue will serve as a forum for researchers from academia, government and industries, to exchange ideas, present new results, and provide future visions on these topics.

Guest Editor

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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

Prof. Dr. Alexey Vinel

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