Special Issue

Network Architectures and Edge/Fog Computing Solutions for B5G IoT Applications

Message from the Guest Editors

The convergence of B5G (Beyond 5G) networks with IoT (Internet of Things) applications presents unprecedented opportunities and challenges for network architects and researchers. In this Special Issue (SI), we focus on exploring network architectures and leveraging edge/fog computing solutions in order to optimize the deployment of B5G IoT applications. With the proliferation of IoT devices and the exponential arowth of data generated at the network edge, efficient and scalable architectures are essential to meet the diverse requirements of emerging applications. This SI aims to provide a platform for researchers to share innovative solutions, methodologies, and case studies addressing the complexities of B5G IoT network architectures and edge/fog computing. We invite submissions of original research papers, review articles, and case studies that advance our understanding, contributing to the development of robust and resilient network architectures for B5G IoT applications. Join us in shaping the future of B5G IoT networks through cutting-edge research and insights.

Guest Editors

Dr. Javad Rezazadeh Crown Institute of Higher Education (CIHE), Sydney 1001, Australia

Dr. Hamid Salarian Sydney International School of Technology and Commerce (SISTC), Sydney 1001, Australia

Deadline for manuscript submissions 30 April 2026



Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 8.3



mdpi.com/si/204784

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

mdpi.com/journal/ futureinternet





Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 8.3



futureinternet



About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze, 181/A, 43124 Parma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)