

Special Issue

Multi-protocol Layer-Resilient Communication in Satellite–Terrestrial Integration Systems

Message from the Guest Editors

The integrated satellite–terrestrial system, which is based on terrestrial networks and extended by satellite networks to cover natural spaces, such as space, air, land, and ocean, is a necessary way to achieve ubiquitous connectivity in the 6G era. However, due to the periodic movement and open-channel nature of satellites, the instantaneous load on the satellite is not uniformly distributed, and communication signals are susceptible to interference signals. As a result, the overall load balancing and robustness of the network is seriously challenged, limiting further advancements in latency performance, network throughput, etc. This Special Issue focuses on important technical areas, such as integrated satellite–terrestrial system architecture, standard specifications, resilient communications in physical, MAC, network layers, etc. Original research articles and reviews are welcome. More information could be found at: www.mdpi.com/journal/electronics/special_issues/G9D6MOV3WL

Guest Editors

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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.

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