

Special Issue

Transmission Control Protocol (TCP): State-of-the-Art in Research

Message from the Guest Editor

The goal of this special issue is to encourage researchers to publish their original research related to the improvement (or shortcomings) of TCP. Similarly, to encourage industry experts that use this protocol in their day-to-day activities to present the current and upcoming challenges of the protocol. We invite authentic and unpublished articles that present the advancement of TCP connections, its potential implications for new network architectures, its use in Internet of Things (IoT) networks, TCP security features, and the expansion of TCP performance to address IP mobility challenges. The submitted papers must clearly state what research problem will be solved using TCP protocol, or state how the TCP is challenging the implementation of a solution. **Potential topics for the special issue include but are not limited to:**

- Advanced TCP connections
- TCP feature improvement hardware and software
- TCP/IP performance for IP mobility challenges in mobile and future aviation
- TCP upcoming challenges in industry (IT/Auditing/Cybersecurity)
- TCP security
- TCP in new network architectures
- TCP use in IoT networks

Guest Editor

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Deadline for manuscript submissions

closed (25 May 2023)



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About the Journal

Message from the Editor-in-Chief

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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