

Special Issue

Transmission Control Protocols (TCPs) in Wireless and Wired Networks

Message from the Guest Editors

We are pleased to announce a Special Issue of the journal *Electronics* dedicated to the exploration of "Transmission Control Protocols (TCPs) in Wireless and Wired Networks." In an increasingly interconnected world, TCPs play a crucial role in ensuring reliable and efficient data transmission across both wired and wireless networks. This Special Issue aims to bring together cutting-edge research and insights into the performance, challenges, and innovations of TCPs in various networking environments. We invite researchers, scholars, and industry experts to contribute original research papers on topics related to TCPs in both wireless and wired networks, including, but not limited to, the following: TCP Variants and Enhancements, Cross-Layer Design, Quality of Service (QoS), TCPs and Emerging Network Technologies, Security and TCPs, Experimental and Simulation Studies, AI/ML in TCP Optimization.

Guest Editors

Dr. Imtiaz Mahmud

Dr. Shakil Ahmed

Dr. Bashir Mohammed

Deadline for manuscript submissions

closed (15 May 2025)



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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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