

Special Issue

Advances in Wireless Body Area Networks (WBAN): Real-Time and Reliable Communications

Message from the Guest Editors

Wireless body area networks (WBANs) can be seen as wireless networks in and around the human body. A WBAN combines the study of medical, non-medical fields, and communication technologies. WBAN has received increasing attention and has been widely researched due to its potential use in medical and non-medical applications. This Special Issue is dedicated to publishing novel contributions from researchers around the world on the realization of real-time and reliable WBANs for various medical and non-medical applications. These contributions will address major challenges including energy harvesting, communications reliability, human body communications, wireless routing protocols, data security, data privacy, ICT ethical issues, wearable health monitoring, cloud computing, IoT, and machine learning in WBANs, to name a few. We therefore welcome researchers, academics, and industry experts who work in WBANs and the related fields to consider submitting original high-quality papers or comprehensive review papers to this Special Issue.

Guest Editors

Dr. Rajan Kadel

Prof. Dr. Tony Jan

Dr. Paul Kwan

Deadline for manuscript submissions

closed (15 January 2024)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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