

Special Issue

Wireless Multimodal Communications for Integrated Heterogeneous Networks

Message from the Guest Editors

This work focuses on multimodal communication advancements in vertical domains (e.g., power systems, aerospace, marine development), aiming to advance dynamic reconfiguration of smart grids, space-air-ground intelligent communication control, and autonomous coordination in UAV self-organizing networks. By developing software-defined radio (SDR)-compatible platforms with intelligent reflecting surfaces (IRS) and hybrid multimodal wireless transmission, we accelerate the engineering application of multimodal technologies in strategic areas such as next-generation power systems, low-altitude economy, and deep-space exploration.

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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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