

Special Issue

State-of-the-Art in Satellite Communication Networks

Message from the Guest Editor

This Special Issue aims at publishing high-quality research and development results of broadband satellite communications and multimedia traffic technologies. Each research and development result related to satellite technologies is welcome. Potential topics include but are not limited to: - New satellite technologies - New small spacecraft technologies: CubeSats - Integration platforms (LTE, 5G, DTN, Sensor Networks, WiFi, WiMax, VANET, FANET) with satellites - Architectures and protocols for satellite; QoS architectures for satellite - Routing in satellite networks; DVB-S2/DVB-S2X/DVB-RCS2/DVB-SH architectures - Mobile propagation channel for satellite systems - Studies on new bands for satellite networks; Studies on gap filler solutions in land mobile satellite systems - Hybrid broadband multibeam satellite architectures - Multimedia traffic on satellite; Scheduling issues for satellite - Mobile satellite service (MSS) systems; Cognitive radios for reliable satellite communications - Call admission control for hybrid satellite networks

Guest Editor

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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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