

Special Issue

Recent Advances in Antennas and Millimeter-Wave Applications for Mobile Communication Systems

Message from the Guest Editors

With the spectrum scarcity at the sub-6 GHz bands and the increasing demands for extremely high data rates, mmWave communications are regarded as a critical technology for future mobile communication systems. mmWave frequency bands have been explored and exploited in the past several years to meet the requirements of emerging wireless services highlighted by high data rates, ultrareliability, and ultralow delivery latency. Despite the benefits of high data rates and ultralow latency, the unique characteristics of mmWave along with hardware constraints, introduce great challenges in the design of efficient and robust mmWave communication systems. This requires a great deal of fundamental research on the design of all aspects of antenna and mmWave application. This Special Issue aims to publish high-quality manuscripts covering new research on topics related to mmWave communications and multiple-antenna technology, including but not limited to :

- signal processing for mmWave networks
- mobility management and seamless handover for mmWave networks
- PHY design
- channel measurement
- network analysis and resource allocation
- interference management

Guest Editors

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Deadline for manuscript submissions

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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.

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