Special Issue

Substrate Integrated Circuits and Antennas

Message from the Guest Editors

RF, microwave, and mm-wave circuits are widely used in modern communications, such as 5G communication, satellite, and radars. It is the most significant trend to make these circuits and systems low cost, small size, light weight, and high performance. The properties of transmission lines, such as losses, size, etc., play vital roles for these circuits and systems. In recent years, substrate integrated transmission lines including substrate integrated suspended line (SISL), substrate integrated waveguide (SIW), substrate integrated coaxial line (SICL), etc., have been widely used in high-performance circuits and systems. Potential topics include, but are not limited to, the following: (1) Substrate integrated circuits including substrate integrated suspended line (SISL), substrate integrated waveguide (SIW), substrate integrated coaxial line (SICL), etc. (2) RF/microwave/mm-wave front-end circuits. (3) Passive circuits including filters, multiplexers, couplers, dividers, baluns, magic-Ts, phase shifters, etc. (4) Antennas elements and antenna arrays, antenna feeding networks.

Guest Editors

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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.

Editor-in-Chief

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