Special Issue

Miniaturized Microwave Components and Devices

Message from the Guest Editor

Size reduction is an important prerequisite for the development of modern microwave circuits and components. This topic has attracted much attention in recent years due to the rapid expansion of commercial, industrial, and military markets aimed at low-cost, small-size, high-performance microwave devices. The diversity of their applications includes—but is not limited to—mobile communication, telemedicine, remote sensing, defense electronics, and portable measurement equipment. The development of efficient miniaturization schemes represents an important research direction with the potential to contribute to the progress in applied microwave technologies. The objective of this Special Issue is to report on new technologies that allow obtaining compact microwave components and devices; innovative miniaturization methods of conventional microwave circuits in standard technologies; and customized computer-aided design and optimization methodologies specifically tailored to address modeling, design, and prototyping challenges pertinent to compact microwave components and devices. We look forward to receiving your submissions!

Guest Editor

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