

Special Issue

Recent Research in Microwave and Millimeter-Wave Components

Message from the Guest Editor

Recently, the demand for microwave and millimeter-wave components has been increasing due to rapid market growth, especially in relation to, e.g., 5G/6G wireless communication, satellite communication, and automotive radar. Modern manufacturing and device technologies enable the development of microwave and millimeter-wave components with high performance and low SWaP-C (Size, Weight, Power and Cost). Revolutionary progress in AI technology is also accelerating the intelligent control and calibration of microwave components, which results in supporting multi-standard and adapting to the operational environment effectively.

The aim of this Special Issue is to publish technical papers in recent research results in the field of microwave and millimeter-wave active and passive components. We are looking forward to your contribution on advanced circuit topologies, design methodologies, and demonstration addressing the interesting aspects of microwave and millimeter-wave components and sensors recorded below.

Guest Editor

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closed (25 March 2022)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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