Fractals in Antenna and Microwave Engineering 2019

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Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editors

Self-similarity and space-filling properties of fractal geometry have been very useful in antenna and microwave engineering to design multiband antennas and arrays, small antennas, and filters. Moreover, since the boom of metamaterials, many designs have also been approached using fractal geometries. In the optical domain, nano-antennas with fractal geometries have also been proposed.

It is interesting to summarize research and developments with fractals in antenna and microwave engineering, and, at the same time, to present the latest advances in the field.

The present Special Issue aims to gather papers in the field of fractal electrodynamics, applications of antennas, and microwave circuits using fractal geometries, metamaterials, and optical antennas with fractal designs. Papers with conceptual/theoretical approaches and experimental designs are welcomed.

Special Issue