



## Fractals in Antenna and Microwave Engineering

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### Message from the Guest Editors

Dear Colleagues,

Self-similarity and space-filling properties of fractal geometry have been very useful in the antenna and microwave engineering to design multiband antennas and arrays, small antennas and filters. Moreover, since the boom of metamaterials at the beginning of 2000, 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 look to the past and to the future to summarize research and development 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.

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