

Synthetic Aperture Radar (SAR) Simulation and Processing

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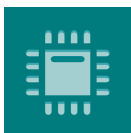
Message from the Guest Editors

Synthetic Aperture Radar (SAR) is a powerful remote sensing technique able to perform global and almost continuous monitoring of the Earth's surface, thanks to its all-weather and day-and-night acquisition capabilities. It is now a well-established technology, and the main space agencies in the world have launched several SAR missions that currently provide us with an unprecedented amount of data.

Within this framework, for this Special Issue contributions are solicited on the following topics:

- SAR raw signal simulation techniques;
- simulation of bistatic and/or multistatic SAR systems;
- electromagnetic scattering models for SAR signal simulation;
- innovative SAR processing algorithms;
- SAR processing algorithms for innovative acquisition modes and geometries;
- post-processing techniques;
- SAR despeckling;
- ...





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Message from the Editor-in-Chief

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