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Advanced Radar Techniques, Applications and Developments

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Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

In the past few years, a large amount of synthetic aperture radar (SAR) data has become available in data archives. Many different fully automated applications, methods, and tools using single, dual, or quad polarizations explore the properties of SAR data using the latest trends in computer vision and remote sensing. Researchers have been making a strong effort to provide intelligence to the data and radar sensors. This Special Issue aims to report the latest advances and trends in radar systems, small radars, and radar data exploration concerning physical parameter extraction using artificial intelligence and machine learning applied to the SAR and remote sensing data. Papers of both theoretical and applicative nature are welcome, as well contributions regarding advanced methods in small radar system design and radar data exploitation such as backscatter, interferometric phase, coherence, and polarimetric decompositions.

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Message from the Editor-in-Chief

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