



Microwave Imaging and Applications

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Deadline for manuscript submissions:

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Message from the Guest Editors

Microwave imaging is an all-day, all-weather imaging technique that uses actively radiated electromagnetic waves as information carriers. Microwave imaging techniques, such as Synthetic Aperture Radar (SAR) and Inverse Synthetic Aperture Radar (ISAR), can effectively enhance the radar's ability to classify and recognize targets.

The objective of this Special Issue is to explore recent advances that address fundamental and practical challenges related to microwave imaging, target recognition, and other applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- New system/new concept on SAR imaging;
- New system/new concept on ISAR imaging;
- 3D reconstruction of radar images and attitude estimation;
- Feature extraction of radar scattering characteristics;
- Radar image interpretation;
- HRRP recognition;
- SAR target recognition;
- ISAR target recognition;
- Radar target recognition based on deep learning.

We look forward to receiving your contributions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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