Special Issue

Microwave Imaging and Applications

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.

Guest Editors

Dr. Biao Tian

College of Electronic Science and Technology, National University of Defense Technology, Changsha 410073, China

Dr. Wei Wang

College of Electronic Science and Technology, National University of Defense Technology, Changsha 410073, China

Deadline for manuscript submissions

closed (15 May 2025)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/203869

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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