

Special Issue

Modern Techniques in Radar Systems

Message from the Guest Editors

At present, radar systems are important in many applications. Radars are applied in air traffic control, rescue systems, high seas navigation, traffic control, medicine applications, weather monitoring systems, ionospheric measurements, the mapping of battle areas, unknown spaces mapping (like caves, the planet surface, or the inhomogeneities in materials), robot navigation systems, and other applications. Radar systems are being improved; modern, more powerful computers and new electronic and material technologies are used; and, thanks to this, the systems are producing better and better results. The best results from these systems are also obtained thanks to new algorithms for signal processing and data representation. This Special Issue focuses on modern techniques in radar systems in all areas of deployment. The invited topics are improvements in the design of radar systems, radar signals preprocessing, automatic target separation, automatic description of targets, or the description of areas (the definition of objects as simple blocks).

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Deadline for manuscript submissions

closed (30 April 2022)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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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 guestedited by leading experts in selected topics of interest.

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