# **Special Issue**

### Advanced Technology of Target Detection, Tracking, Imaging, and Recognition for Radar

#### Message from the Guest Editors

With the improvement of radar components, data transmission rates, and computational processing capabilities, the degree of freedom for radar systems is increasing. It is of great significance to exploit the multidimensional characteristics of radar systems in space. time, frequency, energy, polarization, etc., to improve radar performance under complex environments. This Special Issue covers advanced techniques for target detection, tracking, imaging, and recognition from different levels, ranging from mission levels (swarms or distributed sensors) to a signal processing perspective (including, but not limited to, multi-dimensional modeling and analysis, adaptive beamforming, weak signal extraction, artificial intelligence, etc.), as well as hardware design, encompassing ground-based, shipbased, airborne and spaceborne radar sensors. This Special Issue will summarize the latest research efforts ongoing in this field, which enable significant improvements in radar operational performance in challenging clutter and interference scenarios.

#### **Guest Editors**

Dr. Jia Su

Dr. Yifei Fan

Dr. Dong Li

Deadline for manuscript submissions closed (31 May 2023)



an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/142037

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

mdpi.com/journal/ electronics





an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



electronics



## About the Journal

### 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

#### **Author Benefits**

#### **High Visibility:**

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

#### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).