



## New Advances in Radar Target Intelligent Recognition

Guest Editors:

### Dr. Jifang Pei

School of Information and  
Communication Engineering,  
University of Electronic Science  
and Technology of China,  
Chengdu 611731, China

### Prof. Dr. Wei Pu

School of Information and  
Communication Engineering,  
University of Electronic Science  
and Technology of China,  
Chengdu 611731, China

### Dr. Weibo Huo

School of Information and  
Communication Engineering,  
University of Electronic Science  
and Technology of China,  
Chengdu 611731, China

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### Message from the Guest Editors

Radar is a kind of very powerful microwave sensor system which can obtain the information of all-day and all-weather targets and plays an important role in various fields related to social safety. Radar target recognition technology, based on machine learning and artificial intelligence, can automatically and quickly extract the features of the targets and identify their categories, which has become one of the most attractive but challenging tasks in radar applications. The topics of interest for this Special Issue include, but are not limited to, the following:

1. Radar space/aerial target recognition;
2. Radar ground target recognition;
3. Radar sea surface target recognition;
4. Target micro-motion feature extraction;
5. Polarimetric radar target recognition;
6. Synthetic aperture radar (SAR) target detection and recognition;
7. Radar target characteristics analysis;
8. Multimodal target recognition methods;
9. New theories and methods of target detection and recognition;
10. Radar target recognition systems.

**Keywords:** radar; target recognition; target detection; feature extraction; target characteristics; machine learning; deep neural networks; artificial intelligence





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## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

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Applied Sciences Editorial Office  
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