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Target Detection and Information Extraction in Radar Images

Guest Editors:

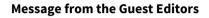
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Deadline for manuscript submissions: closed (1 July 2022)



Radar signal processing techniques for detection and classification are the focus of intense research due to the continuous evolution of threats like unmanned systems. This Special Issue will collect work on the most recent advances in radar detection and classification techniques. Contributions can tackle topics ranging from the signal processing carried out by a specific sensor node to the fusion of data provided by a set of nodes in a distributed sensor network, including (but not limited to) the following:

- Target RCS and clutter modeling at frequencies used by active radars and opportunity illuminators used by passive ones.
- Wideband signal processing for radar detection and classification, including sparse frequency signals and the use of compressive sensing techniques.
- Neyman–Pearson approximation based on statistical signal models, including the use of intelligent agents.
- Smart distributed sensor networks: sensor distribution and data fusion for detection, tracking, and imaging.
- Novel classification and recognition techniques, at tracking and radar imaging levels.

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Dr. M. Pilar Jarabo Amores Dr. David de la Mata Mova *Guest Editors*



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Message from the Editor-in-Chief

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