



## Breakthroughs in Passive Radar Technologies

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Deadline for manuscript submissions:  
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### **Message from the Guest Editors**

Dear Colleagues,

Passive radar has been quite an active field of research for several years. The technology has been established through many demonstrations and there are now industrial solutions ready for commercialization. The deep understanding of the potentials and drawbacks we have gained opens new frontiers for applications of passive radar technology. Among the most promising are: (i) the miniaturization of hardware, which makes it possible to mount systems onboard small, eventually automated, vehicles; (ii) the increasing demand for easily deployable drone detection systems; (iii) the increasing availability of new technologies from fixed-satellite services such as Starlink and OneWeb and from terrestrial 5G networks.

The aim of this Special Issue is to collect papers that cover recent advances in passive radar systems, techniques, and applications, including (but not limited to): passive radar imaging; multi-channel passive radar signal processing; satellite-based passive radar; 5G as a technology for passive radar; micro-doppler signatures in passive radar; drone detection solutions based on passive radar; deep learning for passive radar processing.





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