Special Issue

Applications and New Trends in Metrology for Radar/LiDAR-Based Systems

Message from the Guest Editors

The scope of this Special Issue is to provide an overview of methods and instruments for a practical experience with testing LiDAR and Radar systems and subsystems (land-based, shipborne, and on board of drones, aircraft, and satellites) as well as to obtain measurements of environmental features through remote sensing applications. Specifically, topics of relevance to this Special Issue are: instrument test equipment for verification and validation in the industry, at the customer site, or in the field of operation; automation and remote test equipment; virtual reality technologies; and both LiDAR and Radar remote sensing applications. Other topics relevant to this Special Issue are: the state-of-the-art in radar system architectures and related digital and software technologies; cognitive radars and analysis of human-in-the-loop aspects in radar systems; dual-function radar communications and radar systems; waveform design; radar detection theory and radar signal processing: theory, algorithms and applications (RTAA); target classification; and micromotion estimation. For More information: https://www.mdpi.com/si/39310

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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