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

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Deadline for manuscript submissions:
closed (15 October 2024)

Message from the Guest Editors

Dear Colleagues,

Following up the success of the previous Special Issue, a new one has been activated. The scope of this Special Issue is to provide an overview of methods and instruments for and 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; both LiDAR and radar remote sensing applications.

Other topics relevant to this Special Issue are: the state-of-the-art radar system architectures and related digital and software technologies; cognitive radars and the 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; micromotion estimation.

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Editor-in-Chief

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Message from the Editor-in-Chief

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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