



2020 IEEE International RADAR Conference

27 April - 1 May 2020, Washington DC, USA,

www.radar2020.org



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About the Conference

In 2020, the IEEE International Radar Conference returns to Washington DC, an area rich in radar history. Almost 100 years ago, Albert Taylor and Leo Young observed that ships in the Potomac River interfered with their communications signals. They proposed that this phenomenon be used to detect ships, and a few years later, demonstrated the detection of aircraft. Please join us to meet and share the latest advances in radar across an expanding range of applications and be inspired by the creativity of those following in Taylor and Young's footsteps. The Washington DC area features world-class exhibits of innovation and history connected via an efficient public transportation system.

Suggested Topics

Suggested topics include but are not limited to:

Techniques

Waveforms and Waveform Diversity Tracking Resource Management Cognitive Radar & Machine Learning Fusion of Radar with Other Sensors	Imaging and ATR Detection and Estimation Adaptive Signal Processing Array Processing Spectrum Sharing
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Applications and Phenomenology

Space, Air, Sea and Ground-Based Automotive and Transportation Medical and Biological Applications Over the Horizon Radar Weather and Environmental Sensing	Multistatic, Networked and Distributed Bistatic and Passive Electronic Warfare Radar Phenomenology Signatures and Characterization
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Systems and Subsystems

Low-cost and 'Home Brew' Radar Software Defined Radar RF Convergence Antennas Processors	Transmitters and Receivers Components mm-wave and THz Emerging Systems and Technologies
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Tutorials and Special Sessions

Tutorial and special session proposals should be submitted by email to tutorials@radar2020.org and special@radar2020.org.

Paper Submission Procedure

Prospective authors are invited to submit draft papers (4 to 6 pages) through the link on the website. **The submission deadlines below are firm and will not be extended.**

Deadlines

Special Sessions Proposals	15 th September 2019
Tutorials Proposals	15 th September 2019
Draft Papers Submission	8 th November 2019
Notification of Acceptance	8 th January 2020
Final Papers Submission	28 th February 2020

Technical Co-Sponsors



Signal Processing Society