IEEE International Conference

Radar 2025
RADAR IN ALL DOMAINS - FROM HIGHWAYS TO SPACE
May 5-9, 2025 || Atlanta, Georgia, USA

AESS | **IEEE**

RADAR IN ALL DOMAINS - FROM HIGHWAYS TO SPACE

CALL FOR TUTORIALS

KEY DATES

November 17, 2024
Submissions Due

December 15, 2024
Acceptance Notification

Tutorial authors/presenters are required to submit a 2-3 page syllabus with tutorial title and an outline of the tutorial topic, the intended audience, learning outcomes, suggested pre-requisites, presenter(s) biography, schedule for a four-hour technical tutorial or 1 hour job skills tutorial, and list of previous venues where the proposed tutorial has been presented, along with an estimate of attendance numbers. All submissions must be electronically submitted to **tutorials@ieee-radar.org** no later than **November 17, 2024**. Notification of acceptance is **December 15, 2024**. Several topics of interest include, but are not limited to the following:

TECHNICAL TUTORIAL TOPICS:

- » Adaptive Arrays
- » Advanced Radar Processing Techniques
- » Applications of Compressive Sensing in Radar
- » Autonomous Vehicle Radar
- » Bi-Static and Multi-Static Radar
- » Cognitive Radar
- » Commercial Radar Applications
- » Communications and Radar Spectrum Sharing
- » Convex Optimization for Adaptive Radar
- » Detection, Performance, and CFAR Techniques
- » High-Frequency Radar
- » High-Resolution/Multi-dimensional Imaging Radar
- » Inverse Synthetic Aperture Radar
- » Machine Learning Techniques for Radar ATR

- » Multi-Function Naval Radar
- » Over-the-Horizon Radar
- » Passive Radar
- » Phased Arrays for MIMO Radar
- » Radar Detection, Estimation and Interference Mitigation
- » Radar for Air and Missile Defense
- » Radar for Drone and Counter-Drone Applications
- » Radar Modelling and Simulation
- » Radar Systems Prototyping
- » Radar Tracking, State Estimation, and Association
- » Space Radar
- » Synthetic Aperture Radar
- » Ultra Wide Band Surveillance Radar
- » Waveform Diversity
- » Weather Radar

JOB SKILLS TUTORIAL TOPICS:

- » Technical Communications (Presentations and/or Writing)
- » Grant Writing
- » Technical Project Management