

# RadarConf'28

## CALL FOR PROPOSALS



The Radar Systems Panel (RSP) of the IEEE Aerospace & Electronic Systems Society welcomes proposals from prospective organizers to host the 2028 IEEE Radar Conference. This conference series, originally initiated in 1984 as the US National Radar Conference, has grown to have an internationally diverse attendance and a reputation for the highest quality. The RadarConf series is the premier forum for the technological advancement of the field of radar including theoretical and experimental results for a diverse array of civil, scientific, and defense applications. Topics include, but are not limited to:

- Radar Phenomenology (e.g. scattering, phenomenology)
- Components (e.g. digital RF, photonics, mm-wave)
- Signal Processing (e.g. detection, tracking, classification, STAP, machine learning)
- Synthetic Aperture (e.g. FOPEN, RF tomography, remote sensing)
- Antennas (e.g. phased arrays, conformal)
- Civil/Scientific Applications (e.g. automotive, weather, planetary mapping, navigation, biomedical)
- Waveform Diversity (e.g. MIMO, pulse agility, bistatic/multistatic, noise radar)
- Emerging Technologies (e.g. Terahertz sensing, meta-materials)
- Spectrum Sharing (e.g. joint radar and communications)

The 2028 conference should be planned for the April/May timeframe. Prior to submitting a proposal, AESS members interested in hosting RadarConf28 should send a notice of intent via email to Profs. Julie Jackson and Justin Metcalf, upon which further instruction and proposal templates will be provided. As part of a formal proposal, interested parties will be asked to demonstrate sufficient anticipated support from radar industry, facilities amenable for hosting the conference, and a financial plan according to IEEE requirements. Proposals must be presented to the RSP during the 2025 IEEE International Radar Conference in Atlanta, Georgia 3-9 May 2025.

### IMPORTANT DATES

Notice of Intent: 15 September 2024

Initial Proposal and Summary Slides: 15 January 2025

Final Written Proposal and Budget: 10 March 2024

### CONTACTS

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