

CALL FOR PROPOSALS

2026 IEEE Radar Conference (RadarConf26)

The Radar Systems Panel (RSP) of the IEEE Aerospace & Electronic Systems Society welcomes proposals from prospective organizers to host the *2026 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)

The 2026 conference should be planned for the April/May timeframe. Prior to submitting a proposal, AESS members interested in hosting RadarConf26 should send a notice of intent via email to Profs. Julie Jackson and Justin Metcalf. 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. ***The formal notice of intent is requested by 1 Jun 2023 and the written proposal by 31 July 2023.*** Proposers must provide a written proposal and summary slides and be ready to participate in online discussion/Q&A regarding their submitted proposal.

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