CALL FOR PROPOSALS

2025 IEEE Radar Conference (RadarConf25)

The Radar Systems Panel (RSP) of the IEEE Aerospace & Electronic Systems Society welcomes proposals from prospective organizers to host the *2025 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)

The 2025 conference should be planned for late August to early October timeframe. All host sites will be considered. Prior to submitting a proposal, AESS members interested in hosting RadarConf25 should send a notice of intent via email to Prof. Julie Jackson. 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 2022 and the written proposal by 31 July 2022***. Proposers must provide a written proposal and summary slides and be ready to participate in online discussion/Q&A regarding their submitted proposal.

Prof. Julie Ann Jackson
Chair, RSP Conferences Committee
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