

RadarConf'27

CALL FOR PROPOSALS



The Radar Systems Panel (RSP) of the IEEE Aerospace & Electronic Systems Society welcomes proposals from prospective organizers to host the 2027 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 2027 conference should be planned for the April/May timeframe. Prior to submitting a proposal, AESS members interested in hosting RadarConf27 should send a notice of intent via email to Profs. Julie Jackson and Justin Metcalf, upon which further instruction and a budget template 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. Initial proposals and summary slides must be presented to the RSP during the 2024 IEEE Radar Conference in Denver, Colorado, USA on May 6-10; feedback will be provided for inclusion in the final written proposal.

IMPORTANT DATES

Notice of Intent: 29 February 2024

Initial Proposal and Summary Slides: 1 May 2024

Final Written Proposal and Budget: 30 June 2024

CONTACTS

Julie Ann Jackson, Ph.D.
Chair, RSP Conferences Committee
juliejacksonafitee@gmail.com

Justin Metcalf, Ph.D.
Co-Chair, RSP Conferences Committee
jmetcalf@ou.edu