

# 2024 IEEE International Symposium on Phased Array Systems and Technology



15 - 18 October 2024

Hynes Convention Center, Boston, Massachusetts, USA

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## About the Symposium

Phased array systems continue to be a rapidly evolving technology with steady advances motivated by the challenges presented to modern military and commercial applications. This symposium will present the most recent advances in phased array technology and offer a unique opportunity for members of the international community to interact with colleagues in the field of phased array systems and technology.

The committee is thrilled to announce two major changes to the symposium to better reflect the interest and pace of technology development: (1) moving to the larger [Hynes Convention Center](http://www.hynesconventioncenter.com) in the Back-Bay neighborhood of Boston; and (2) increasing the symposium frequency to a two-year cadence.

## Be a Symposium Sponsor or Exhibitor

For sponsorship and exhibit opportunities please reach out to Mark McClure and Marc Angelucci at: [sponsorships@ieee-array.org](mailto:sponsorships@ieee-array.org).

## Suggested Topics

- 5G Arrays
- Additive Manufacturing
- Array Design
- Array Measurements
- Array Signal Processing
- Automotive Arrays
- Beamforming & Calibration
- Commercial Satellite Arrays
- Digital Array Architectures
- Dual Polarized Arrays
- Lens-Based Phased Arrays
- Low-Cost Commercial Arrays
- MIMO Arrays
- Medical Applications
- Metamaterial Phased Arrays
- mmWave and Terahertz
- T/R Modules
- Low Frequency Arrays
- SATCOM Arrays
- Weather Arrays
- Wideband Arrays

## Paper Template and Submission Procedures

Template and submission procedures are available at:

<https://ieee-array.org/paper-submission>

## Important Dates

- Full paper submission (2-8 pages including figures): 13 May 2024
- Author notification: 22 July 2024
- Author registration deadline: 01 Sept 2024

We are looking forward to seeing you at this next gathering.

## Committee

### Symposium Chairs

Sean Duffy (C), MIT LL  
Wajih Elsallal (VC), MITRE

### Technical Program Chairs

David Mooradd (C), MIT LL  
Glenn Hopkins (VC), GTRI

### Special Sessions Chairs

Matt Facchine, NGC  
Kenneth E. Kolodziej, MIT LL

### Plenary Session Chair

Will Moulder, MIT LL  
William Weedon, Applied Radar

### Student Paper Competition

Matilda Livadaru, Raytheon  
Justina Kasemodel, Raytheon

### Tutorials

Cara Kataria, MIT LL  
Frank Vliet, TNO

### Sponsorship and Exhibits

Marc Angelucci, LMC  
Mark McClure, STR

### Digital Platforms Chairs

Pierre Dufilie, Raytheon Tech  
Jacob Houck, GTRI  
Mark Fosberry, MITRE  
Shireen Warnock, MIT LL

### Publications/Publicity

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Jack Logan, NRL  
Elizabeth Kowalski, MIT LL

### Poster Sessions Chair

Honglei Chen, MathWorks

### Advisors

Daniel Culkin, NGC  
Alan J. Fenn, MIT LL  
Jeffery S. Herd, MIT LL  
Bradley Perry, MIT LL

### Arrangements/ Administration

Robert Alongi, IEEE Boston  
Kathleen Ballos, Ballos Assoc.