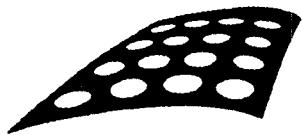




## CALL FOR PAPERS

# IEEE International Symposium on Phased Array Systems and Technology



### *Revolutionary Developments in Phased Arrays*

**15-18 October 1996  
Boston, Massachusetts**

During the past two decades, phased array systems have taken major steps forward with the development of many major radar and communication systems. Due to several recent technology advances such as MMIC, photonics, and digital beam forming, phased array systems are progressing rapidly. Current and future developments for ground-based, sea-based, airborne, and space-based phased array radar and communication systems will be discussed at this international symposium.

Authors are requested to submit a summary of the paper of not less than 1000 words in double-spaced format.

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- multiple-beam arrays
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- optical beam forming and signal distribution
- diode, ferrite, and optical phase shifters
- time/power/scan management
- and scheduling
- system design/tradeoffs/optimization/analysis
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- array measurement and calibration
- element failure detection and correction
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- conformal arrays
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- multiple band arrays
- diode grid scanning arrays
- millimeter wave arrays
- neural network beamforming
- applications: ERIEYE, Iridium, GBR,  
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