Electronic Warfare and Avionics Conference
Museum of Aviation (Robins AFB GA)
21-23 March 2023

Call for Papers

Theme: Maintaining Dominance in the Electromagnetic Spectrum (EMS) by Rapidly Fielding and Modifying Systems through the use of Innovation and Open, Common Standards

The Electronic Warfare and Avionics (EWA) Program Office, AFLCMC/WNY, will sponsor the annual EWA Conference held at the Scott Theater (Building 1500), Museum of Aviation, Robins AFB, GA. For additional information:

  E-mail: AFLCMC.WNY.AFTechProg@us.af.mil
  Web Site: https://www.robins.af.mil/units/AFLCMC/EWA-Conference/

The Air Force is interested in strategies to enable the Air Force to either preempt new threats or rapidly counter new or emerging threats.   One aspect of the Electronic Warfare and Avionics (EW&A) Program Office's plan to address these threats is with the use of open standards and innovation.

This year's theme focuses on topics related to new technologies, standard architectures, standard interfaces, or novel approaches to using or integrating existing technologies that will allow rapid acquisition and fielding.   This includes not only innovative use of technologies but also innovative non-traditional acquisition strategies for technology insertion and development.

We are soliciting topics in support of this year's theme "Maintaining Dominance in the Electromagnetic Spectrum (EMS) by Rapidly Fielding and Modifying Systems through the use of Innovation and Open, Common Standards." Papers to support this theme should relate to Electronic Warfare (EW), Intelligence, Surveillance & Reconnaissance (ISR), or Avionics and may include (but not limited to) technical solutions (both software and hardware), novel acquisition strategies, initiatives, enablers, techniques, methods, policy/doctrine updates, interoperability, open systems, modeling, architectures, and best practices.

A sample list of standards include (but not limited to): Future Airborne Capability Environment (FACE), Sensors Open Systems Architecture (SOSA), Vehicular Integration for C4ISR/EW Interoperability (VICTORY), Open VPX, Hardware Open Systems Technologies (HOST), Open Mission Systems/Universal Command and Control Interface (OMS/UCI), All Source Positioning and Navigation (ASPN), and PNT Architecture Standard (PNTAS).

Submissions

Submit unclassified abstracts to AFLCMC.WNY.AFTechProg@us.af.mil *by 20 January 2023*. Use the abstract format at https://www.robins.af.mil/About-Us/EWA-Conference/.