2022 Space & Missile Defense Symposium Technology Track
August 9-11, 2022 – Huntsville, AL
Please Consider Submitting an Abstract

Abstracts are due June 3, 2022 and final briefings are due July 15, 2022

Cyber Resiliency & Edge Computing

The United States military's reliance on networks and distributed information systems increases almost daily to support our competitive edge in military, space and commercial applications. From space-based systems to military engagements to smart phones, our nation is dependent on the application of these technologies and their inherent vulnerabilities. Distributed systems also require computation and data storage closer to the sources of information to decrease computational resources required and increase response times. Edge computing introduces increased risk of cyber threat vectors that must be addressed as these capabilities become more prevalent in weapon systems. The Department of Defense, along with commercial partners and allies, must develop and invest in cybersecurity technologies that protect weapon systems from the platform to the edge.

Abstracts are encouraged that address: Cyber Resiliency, Edge Computing, Testing, Development, and other related topics, which discuss methods, technologies, and processes to expand edge computing and protect against cyber threats.

SMD Technologies – Author's Choice

Each year, potential authors submit abstracts outside the posted Call for Paper topics based on their current research and development or particular personal interest. Unfortunately, time limitations usually prevent these abstracts from consideration and presentation. For 2022, in addition to the specific Cyber Resilience & Edge Computing topic, the Technology Committee encourages abstracts relevant to Space and Missile Defense Technologies that leverage the creativity of our community and provide insight into their own interests.

Criteria & Submission

Selection for this Symposium is based on an Abstract of no more than 2 pages describing the proposed technical briefing. The Abstract must describe the basis of the work and include sufficient detail to allow evaluation of the work. No exceptions will be made. For those topics selected for presentation, a 20-minute PowerPoint briefing will be prepared and presented as part of the Symposium Technology Track. All Abstracts and PowerPoint briefings must be at the Unclassified level. Authors will be notified of their selection status.

**Prospective authors are asked to submit their work or questions electronically to
stephen.cayson@cfd-research.com prior to the posted deadlines.**

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