

Increasing Flexibility and Innovation in Military Systems

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In an era of near-peer competition, the development of military systems need to become faster. To achieve this goal, industry and government need to use innovative collaborative processes to ensure the systems meet performance, reliability, and availability requirements. This talk will focus on potential solutions that allow systems to use state of the art technology and meet government requirements.



Dr. Jonathan Ahlbin is the Missile Defense Agency, Division Chief for Parts, Materials, and Processes Engineering (Acting) and the Branch Lead for EEE Parts Engineering. In these roles, he is responsible for implementing and managing the team that oversees all MDA BMDS parts, materials, and process requirements and policies that include Counterfeit Parts, Part Selection and procurement, Screening & Qualification Criteria, Failure Analysis, Radiation Hardness Assurance, and Materials Engineering. Dr. Ahlbin has a BE, MS, and PhD in Electrical Engineering all from Vanderbilt University. He has published over 50 papers in the areas of microelectronic reliability, radiation survivability, and supply chain risk management. Previously, Dr. Ahlbin worked for USC-ISI as a Senior Electrical Engineer supporting research and development programs for DARPA, IARPA, and DTRA.