**APRIL 21-23** 

military/space electronics | reliability of ics, hybrids and passive components



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# 24<sup>th</sup> Annual Conference and Exhibition For Components for Military & Space Electronics (CMSE) Set for April 21-23 at LAX

Components for Military and Space Electronics CMSE is the premier event focused on the design, reliability, and application of electronic components for use in avionics aerospace, military & commercial space systems.

The conference provides access to more than 30 technical presentations and two days of exhibits with over 40 passive and semiconductor component suppliers, service suppliers, and distributors related to the military aerospace market to update you with their products.

Click here to preview the Advance Program.

Click here to Watch the exciting CMSE Promo Video.

Click here for CMSE Exhibitor Information

Click here to learn about CMSE sponsorship opportunities

The **cutting-edge tutorials**, along with **two days of exhibition and technical presentations**, educate, inform, and provide solutions for current challenges within the military and space electronics business.

## Keynote speakers for the event have been announced:



### Technology Assurance for Space Systems in an Age of Rapid Diversification

Dr. Jonathan "Jonny" Pellish, NASA's Electrical, Electronic, Electromechanical, and Electro-Optical (EEEE) Parts Manager. Being a member of today's aerospace community can be exciting, confusing, and scary – sometimes simultaneously...read more



## Physical Assurance and Inspection of Electronics

Dr. Navid Asadi, University of Florida

Globalization has made the semiconductor industry more susceptible to trust and security issues. Hardware Trojans, i.e., malicious modification to electronic systems, can violate...read more

#### Professional education for component engineers on April 21st:

## Volatiles Control in Hermetic Electronic Components

This tutorial includes a basic review of the Mil Spec test methods in place to prevent moisture related failures in military and Hi Rel systems where functional component reliability is of utmost importance (e.g. IC's, Hybrids, MEMS and sensors, Class III Medical etc). The focus is on hermeticity...read more

#### Thermal Materials and Testing: Key Solutions for Mil/Aerospace Electronics Systems

Heat is the single largest cause of failure, with vibration and dust and other environmental factors as examples of other factors. Understand the issues and learn how to mitigate...read more

#### Capacitor Reliability Seminar

The Passive Component Reliability Workshop course will be presented in three sessions covering capacitors, inductors and resistors...read more

#### Overview of Microelectronic Component Specs for Military and Space Electronics

This three-hour tutorial is scheduled for the evening hours and is **free of charge** to anyone registered for the Conference...Come and learn. Light snacks and drinks provided.

The focus of this training is on the myriad of specs available to component engineers There are many legacy and emerging mil and commercial specifications to select form and they can be very confusing to the inexperienced user...<u>read more</u>