



RTECC

REAL-TIME & EMBEDDED
COMPUTING CONFERENCE

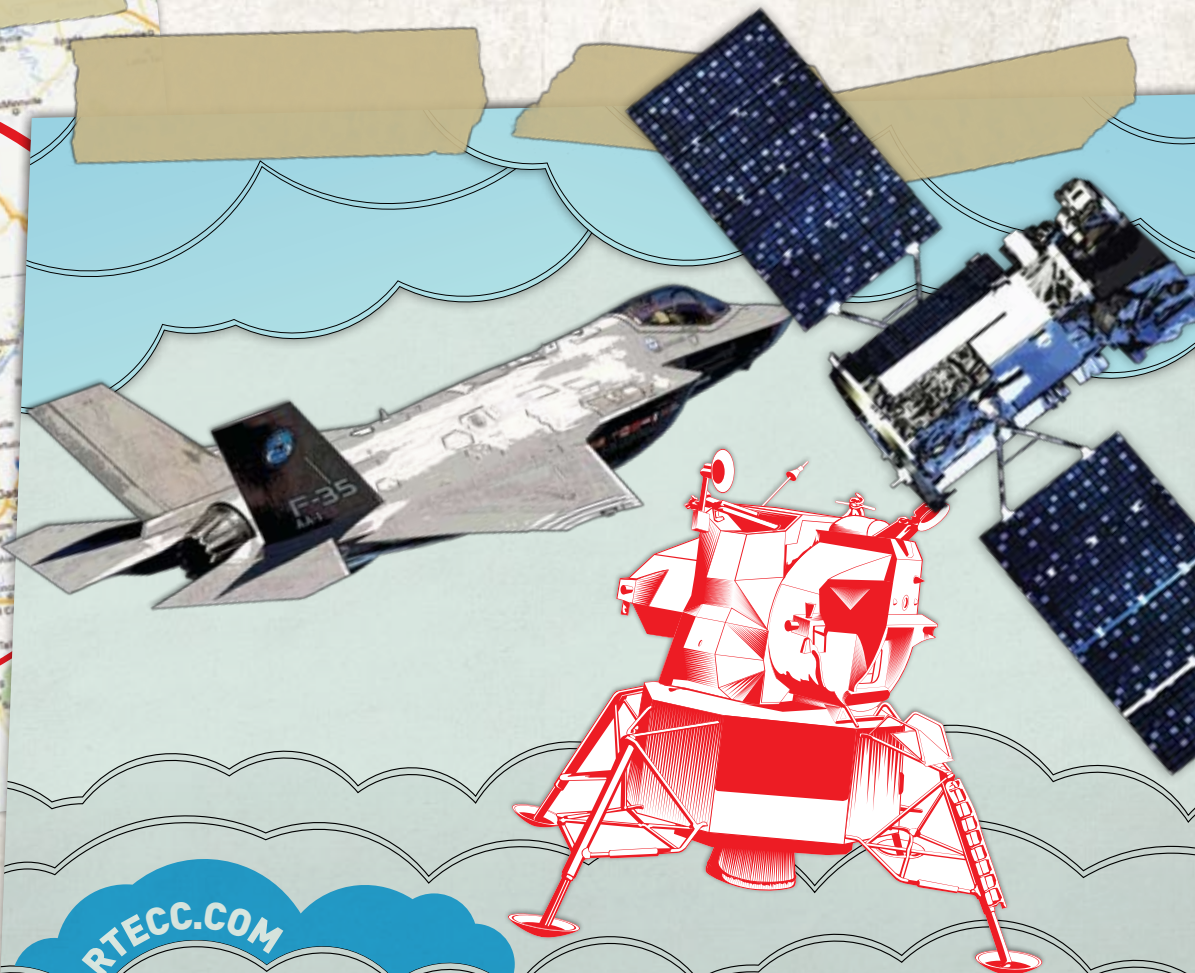
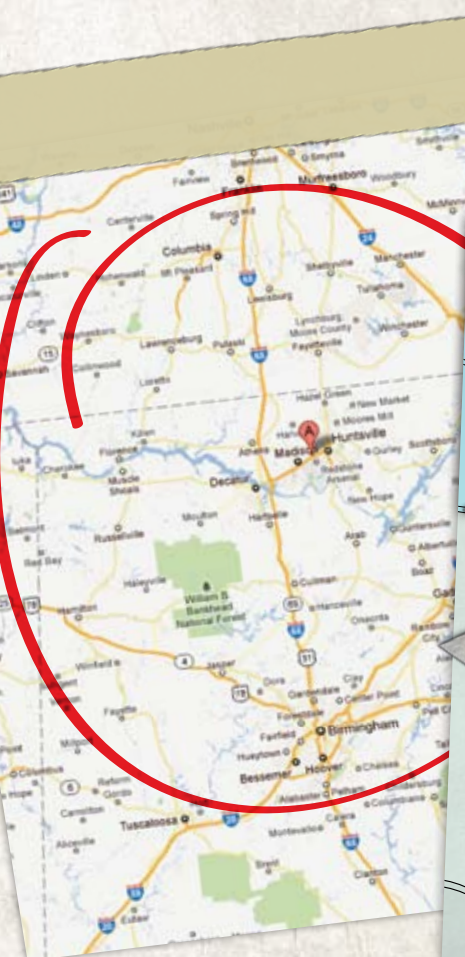
HUNTSVILLE, AL
FEBRUARY 14, 2012

COME TO RTECC

EXHIBITS, SEMINARS,
LUNCH AND PARKING

TAKE A DAY TO LEARN ABOUT THE **NEWEST IDEAS** IN THE EMBEDDED INDUSTRY.

CHECK OUT THE LATEST DEMOS.
LISTEN TO TALKS FROM THE EXPERTS.
GET OUT OF YOUR OFFICE. RETURN WITH
INSIGHT ABOUT THE FUTURE OF THE
INDUSTRY.



RTECC.COM

REGISTER

IT'S COMPLIMENTARY!

RTECC.COM/ HUNTSVILLE2012

SHOW UP

HUNTSVILLE, AL

FEBRUARY 14, 2012 **8:30 AM - 2:30 PM**

WESTIN HUNTSVILLE HOTEL

6800 GOVERNORS WEST, NW

HUNTSVILLE, AL 35805

EXHIBITORS

As of January 16



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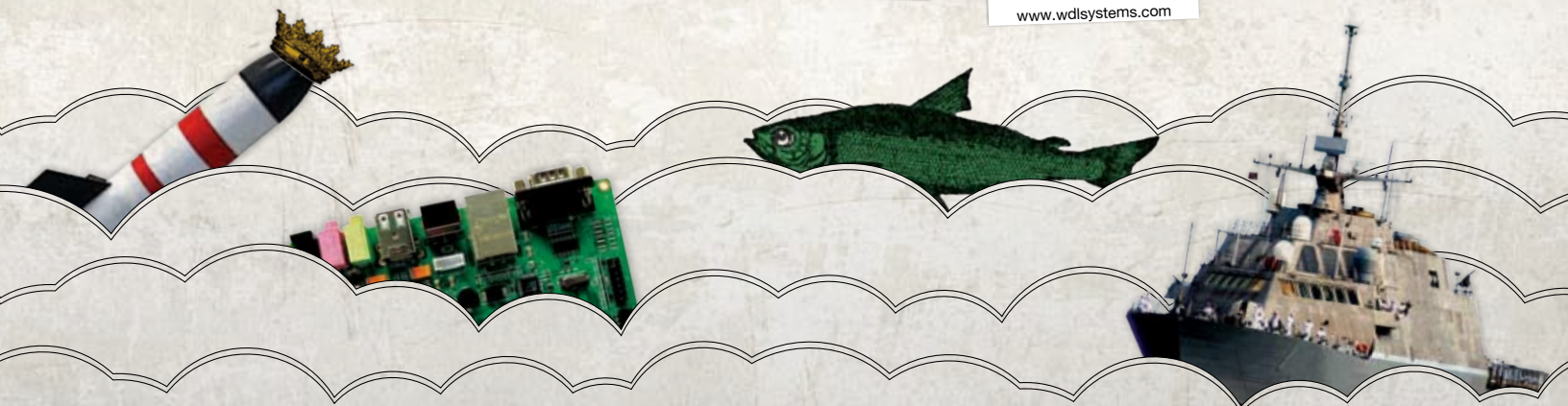
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SEMINARS MORE AWESOME THAN WORK

Visit www.rtecc.com/huntsville2012 for complete descriptions and additional seminars

9:15 AM - 10:00 AM

AMD Embedded Software Ecosystem

presented by AMD

Come learn about the extensive software ecosystem available to help you more efficiently develop your next AMD-based project. Reduce your time to market by understanding the many solutions AMD's software partners offer.

Real-Time Hardware in the Loop Simulation

presented by Concurrent Computer

Learn how hardware-in-the-loop (HIL) simulation enables developers to achieve a highly realistic simulation of equipment in an operational virtual environment using real hardware. Simulating real-world and extreme conditions without actual risk minimizes costs and facilitates shorter time-to-market. Learn how physical systems can be modeled in software and see first-hand how various commercial and government organizations are utilizing HIL testing.

10:30 AM - 11:15 AM

A Practitioner's Guide to Critical Software Certification

presented by LDRA Technology

Covering technical methodologies and techniques for developing critical software in compliance with DO-178B/C, IEC 61508, CENELEC, ISO 26262 and FDA guidelines - we will highlight the processes, procedures and tools used to achieve critical software certification. Using practical examples, we remove the mystery and confusion surrounding embedded systems development, life-cycle traceability, verification, reporting and quality assurance.

PCIe Over Cable - What Can It Save You???

presented by One Stop Systems

Did you know that PCIe over cable offers greater performance at less cost than other interconnect solutions? Learn how you can use this powerful functionality in both I/O expansion applications as well as in networking applications to give your products greater performance at less cost. We will demonstrate the products available today and discuss new products in designed that will provide even greater performance.

11:30 AM - 12:15 PM

Eliminating Runtime Errors in Critical Embedded Software

presented by MathWorks

We will introduce the Polyspace code verification tool for achieving robust software quality. See a unique formal-method approach called abstract interpretation. The method makes it possible to find errors that other techniques can miss. Through demonstrations and examples, we'll show how it helps detect errors in embedded C/C++/Ada code and prove that the software contains no run-time errors.

Solutions to Distribute & Scale your Real-time Application on Multi-core PC Platforms

presented by TenAsys

Thousands of complex real-time applications have been developed to run on a single processor. Up to now, the upgrade path to these applications consisted of moving the applications to a faster processor, tweaking some of the parameters to get the desired increase performance --and you were done. Today, the upgrade path consists of going to a multi-core processor.

12:15 PM COMPLIMENTARY LUNCH

1:30 PM - 2:15 PM

3U VPX and VITA 74 "Nano-ATR" Pre-configured Systems

presented by Themis Computer

We will provide a look at new 3U VPX Systems, as well as the new Small Form Factor VITA 74 "Nano-ATR" Systems. Find out the similarities between Nano-ATR and 3U VPX, including their identical bus topologies and electronic signaling. We'll also discuss the thermal design of both the 3U VPX and VITA 74 "Nano-ATR" conduction cooled modules and systems - actual hardware will be shown.

Embedded Software Testing Strategies

presented by Vector Software

There are many strategies a project can take to test their embedded software applications. These include code coverage analysis, full unit testing, and static code analysis. Ideally, most organizations would like a repeatable regression testing process that is easy to implement and has a measurable impact on product quality. We'll show you how to get there.

2:25 PM DRAWING: ENTER ON-SITE FOR A GARMIN PORTABLE GPS NAVIGATOR!

