

## E-cast

### Live Knowledge Broadcasts

These events allow you to measure leads instantly plus you save on travel and conference costs. Book your E-casts now to get the best time slots available.

These topics are just a sample of the many subjects that are of interest to the OpenSystems Media audience. Check our editorial calendars for additional subjects.

E-casts on the application of embedded technology in industries from automotive, consumer, industrial, medical, military, and other markets are always popular.

**Bring us your ideas and we can custom fit an E-cast for you.**

Simply check off a topic and let us know. We can either work with your ecosystem or work with our partner database to reach your target audience.

**Reserve your E-casts now!**

### Boards and systems

- Data acquisition for small form factor boards
- Low power in small form factor boards
- Stacking boards, modules on carrier, or cabling modules together
- Modules from AMC to XBee
- Blades vs motherboards
- Design challenges for boards and systems

### Processors and chipsets

- Designing with embedded processors: ARM, Freescale, Intel, MIPS, et al
- SoCs, microcontrollers, processors, and chipsets
- Maximizing performance with multicore processors
- Challenges of migrating to multicore designs
- Ultra-low-power microcontrollers
- Multimedia chipsets and software
- Multicore, partitions, and computing performance

### Programmable logic

- DSP trends and technology
- FPGAs: Tips, techniques, and challenges
- IP cores for DSP and FPGA design
- Math and algorithms in FPGAs and DSPs
- Tips, tools, and tricks to optimizing FPGA, DSP, and reconfigurable systems

### Operating Systems

- Embedded Operating Systems: Real-time, Linux, and Windows
- RTOS trends and development environments
- Open source vs proprietary commercial RTOS

### Software

- Eclipse IDE packages
- EDA and ESL tools for board and system designers
- Embedded databases in web-enabled devices
- Enterprise software in embedded applications
- Java in embedded
- Middleware for communications
- Virtual development tools for boards
- Virtualization: Operating systems, I/O, and security
- DO-178B Level A programming environment
- Life-cycle management for embedded design
- Designing VoIP with effective software
- RTOS, secure software, and trusted computing
- Signal processing

### Standards

- 10 Gb Ethernet: Challenges and opportunities
- AdvancedTCA, MicroTCA and comm platforms in military systems
- Designing for PCI Express
- Ethernet: Trends and technologies
- High availability and network management systems for 100% service availability
- PICMG standards roundup: CompactPCI, AdvancedTCA, MicroTCA, AdvancedMC, COM Express
- VITA standards roundup: VME, VSX, VPX, PMC, FMC, XMC, and much more

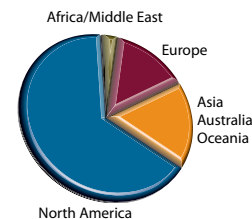
- ZigBee and the smart grid
- Power over Ethernet
- Small form factor board standards: Trends and technologies

### Additional topics of interest

- Component counterfeiting & obsolescence
- Critical embedded – mission/safety/life
- Defense/aerospace testing
- Display technology
- Distributed, data-centric applications
- Low-power, energy-efficient, green designs
- High-speed network testing
- IP telephony and TV
- Military power solutions
- Military spin-off electronics technology
- Mission critical technologies
- Net-centric warfare and battlefield communications
- Protocol analysis
- Reducing Development Cycles
- RFID and RTLS trends
- Security in embedded applications
- Smart sensors and MEMS
- Solid-state storage trends
- Software-defined radio technology
- Subscriber usage modeling
- Systems design and verification
- Thermal management strategies
- Vision systems and smart cameras
- Wireless/consumer electronics device testing

**Industry consortia and forums are invited to propose topics relevant to their membership.**

### E-cast viewers



Contact Christine Long at [clong@opensystemsmedia.com](mailto:clong@opensystemsmedia.com) or call 586-415-6500 for additional details on how we can help you create a program with topics that best address your specific needs.

Our editorial staff is available to moderate and assist you with your event. OpenSystems Media editors and industry knowledge experts have a proven, successful track record of guiding E-casts using OpenSystems Media's winning technical formula as they work with vendors prior to the E-cast and during the actual event.