



avi-nics

EUROPE

FOR THE COMMERCIAL & DEFENCE
AEROSPACE INDUSTRIES

Conference & Exhibition

21-22 March 2012

M.O.C. Event Centre

Munich, Germany

www.avionics-event.com

DRIVING SES & NEXT-GEN **INNOVATION AND PERFORMANCE**

Call For Papers

You are invited to submit an abstract for the leading global commercial and defense avionics conference.

Deadline 31st August 2011

Celebrate with us 10 years of **Avionics Europe**

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Avionics Europe

Avionics Europe 2012 – brought to you by Avionics Intelligence – marks its 10th year as the leading conference and exhibition for avionics worldwide. A decade later, Avionics Europe remains unique as the premier industry event that brings together leading experts from the commercial and defence avionics industries.

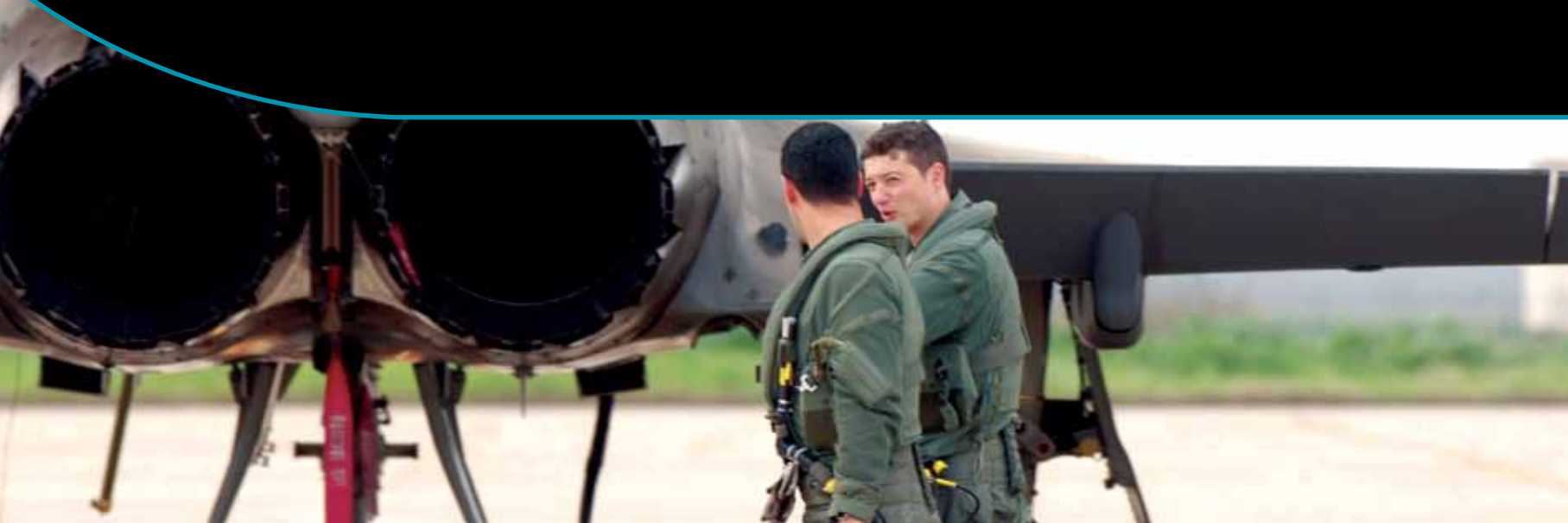
The event continues to grow as our 2011 event saw a 32 percent increase in overall attendance with more than 250 delegates attending the high-level conference sessions.

Avionics Europe provides a leading international platform for the global avionics industry to learn, network, source new information, products and services at one unique event. As the industry's annual gathering place, Avionics Europe attendees discuss the latest topics and issues and view the latest avionics products available in market.

The event also offers a leading conference programme with an enhanced level of content, multiple tracks, and a variety of technical and strategic workshops. The programme, which offers strategic and technical details on today's avionics challenges, delivers high level content for both the commercial and defence sectors of the industry.

The unrivalled global event dedicated to all aspects of commercial, civil and military aerospace electronics

We hope you will join us in Munich from 21st to 22nd March 2012 as Avionics Europe – the unrivalled global event dedicated to all aspects of commercial, civil, and military avionics – celebrates its 10th anniversary.



Who will be your audience?

A broad representation from civil, government and military, of senior management, executives and decision makers who have the authority to purchase, or influence the purchase of products and services, from the following sectors:

- Airlines and Operators
- End users
- Airframers
- Integrators
- Prime contractors
- Design & Planning
- International Defence Agencies / Ministry of Defence
- Armed Forces

We invite you to submit an abstract for Avionics Europe 2012 and share your knowledge, experience and solutions and explore new frontiers with industry colleagues from around the world.

“ A valuable set of presentations that were very interesting to us. ”

John Grant,
Senior Upgrade Marketing Manager, Airbus



Conference Topics

Your abstract should address one or more of the following areas:

COMMERCIAL AND BUSINESS AVIONICS

- SESAR roadmap overview
- SESAR economic impact on airlines
- Equipage issues for SESAR in the cockpit
- Case studies on integrating new avionics into older commercial aircraft
- New developments in cockpit displays
- ADS-B In technology
- ADS-B Out and ATSAW in Europe
- Airline perspective on electronic flight bags
- Electronic flight bags for retrofit programs
- The iPad as an electronic flight bag
- Commercial Avionics Market outlook
- Achieving standardization in flight management systems -- case studies and lessons learned perspectives from the airlines suggested
- Harmonization efforts between SESAR and NextGen technologies (Will the standards be the same? Crucial for airlines)
- Challenges and solutions for integrating unmanned aerial vehicles into civilian airspace
- Latest avionics roadmaps from avionics system integrators i.e. Thales, Rockwell Collins, Honeywell, Garmin, Universal Avionics, etc.
- Airbus and Boeing avionics roadmaps
- Synthetic vision systems for commercial and business aircraft
- Solutions for preventing runway incursions and excursions
- GPS technology for avionics systems
- Upgrading aircraft condition monitoring systems
- ARINC Standards updates
- Improving avionics maintenance in the cockpit
- Required navigation performance (RNP), required communication performance, and required surveillance performance methods and tools for avionics systems
- Airline roadmaps for avionics and next-generation air traffic management (ATM) solutions
- Pilot perspective/lessons learned/human factors analysis of flying RNP, learning to use new next-generation avionics systems
- ASAS tools for the pilot
- 4D trajectory technology

ROTORCRAFT AVIONICS

- Helicopter terrain avoidance warning systems (HTAWS)
- Market Report for commercial and defense rotorcraft
- Glass cockpit upgrades in defense and civil helicopter platforms
- Leveraging open standards and COTS technology for helicopter cockpit retrofits
- Flight data recording systems for helicopters
- Manned/ unmanned teaming
- Managing obsolescence and through life costs of helicopter avionics systems
- Helicopter flight data analysis: how important and how much



DEFENCE AVIONICS

- Defence avionics market outlook
- Managing obsolescence in modern avionics systems
- Impact of SESAR/NextGen airspace changes on military aviation
- Case studies on military avionics retrofits
- COTS vs custom electronics uses in military avionics systems
- Avionics trends in unmanned aerial vehicles (UAVs)
- Electronics thermal management challenges in cockpit design
- Avionics test & evaluation challenges for military aircraft
- Managing software changes in defence avionics systems
- Electronic flight bags in military systems

- Avionics displays for military aircraft
- Rapid system deployment for meeting immediate battlefield needs
- Detecting and avoiding counterfeit components
- Import/export compliance challenges when dealing with US government
- Synthetic vision systems for military aircraft
- Lead-free challenges in military avionics designs
- Night/day imaging systems
- Helmet mounted displays & targeting system
- Wrist computer systems and digital flight gloves for pilots
- Voice control in the cockpit

SPACECRAFT AVIONICS

- Global space market forecast
- Leveraging commercial technology for spacecraft avionics systems
- Radiation-hardening challenges for manned spacecraft avionics systems
- Outlook on commercial manned spaceflight industry



Submit Online
www.avionics-event.com

**Deadline for
Abstracts submission**
31st August 2011



Call For Papers

The Advisory Committee is now accepting abstracts for the Avionics Europe Conference 2012 and invites you to submit your abstract for consideration.

HOW TO SUBMIT YOUR ABSTRACT

Deadline: 31st August 2011

Abstracts must have a title and list all authors. Full contact information for the primary contact author (company affiliation, telephone, fax number and email address) must be provided. Please designate which author will be the speaker.

Presentations must be of interest and of practical value to executives, managers, engineers engaged in the Avionics industry. Papers will be selected based on a review of abstracts by the Advisory Committee. Papers must not be commercial in nature.

Your abstract should address one or more of the topics pertaining to one of the technical areas outlined in this document.

To submit an abstract for consideration by the Avionics Advisory Board, please follow the procedures below:

- Go to www.avionics-event.com
- Click on the 'Conference' tab
- Click on submit abstracts in the left navigation bar
- Complete required fields
- Press submit or send
- Relax, it's now all done

Please submit your abstract **ONLY ONCE** and wait for the automatic e-mail that confirms your submission was successful.

Abstract Submittal Deadline 31st August 2011



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