Overview

Date of the conference
July 10 - 11, 2018

Venue
Airbus Operations GmbH
Airbus-Allee 1
28199 Bremen, Germany

Accommodation
A limited number of rooms has been reserved at a special rate at the ATLANTIC Hotel Airport Bremen, Flughafenallee 26, 28199 Bremen (in walking distance to the venue).

Detailed hotel information see www.eusas.org
Please make your own hotel reservations mentioning “EUSAS-EURALARM Conference” until May 4, 2018 at the latest.

The conference dinner will be in the evening of July 10, 2018.

Registration

Please use the enclosed registration form and send it by mail, email or fax to EUSAS to the attention of Mrs. P. Mang (address see below) by July 2, 2018 at the latest.

Please note that the number of conference participants is limited and will be allocated on a first come first served basis.

You may also find the registration form on the EUSAS homepage www.eusas.org/events

Cancellation
Registrations can be cancelled in written form without charge until 2 weeks before the conference. No re-imbursement of fee is possible in case of later cancellation. In case a registered participant is indisposed, it is possible to appoint a deputy. Please be so kind to give us the person’s name well in advance. In case the conference is cancelled by EUSAS, we shall reimburse the registration fee that has already been paid. EUSAS shall not accept any claims beyond that.

Conference fees
EUSAS & EURALARM members  300 EURO
Students 100 EURO
Public services (e.g. fire brigades)  400 EURO
Others  500 EURO

10 % Early bird discount
There will be a discount of 10% for registration until May 25, 2018

Local organisation
Dr. André Freiling
Phone: +49 (0) 160 9010 5502
E-Mail: andre.freiling@airbus.com

Conference organisation
Universität Duisburg-Essen
EUSAS e.V. Secretariat
Dr.-Ing. Thorsten Schultze
Mrs. Patricia Mang
Bismarckstrasse 81
47057 Duisburg / Germany
Phone  +49 (0) 203 379 4404
Fax  +49 (0) 203 379 2902
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Tuesday, July 10, 2018

11:00  Registration & Welcome snack
12:00  Welcome
Andreas Czyzlik, EUSAS Chairman
Dominique Taudin, EURALARM Chairman Fire Section
André Walter, Head of Site and Plant Bremen, Airbus

Session 1  Fire detection and extinguishing in aircraft
Chairman  André Freiling, Airbus

12:30  Certification of smoke detection systems in aircraft: The 60 second-rule vs. the latest smoke detection technology
André Freiling, Airbus, Germany

13:00  Development of aircraft smoke detectors to reduce false alarms
Ken Bell, UTC Aerospace Systems, UK

13:30  Advanced fire detection and suppression in passenger aircrafts
Jan Boris Philipp, AOA Gauting, Germany

14:00  Simulation of extinguishing in aircraft
Konstantin Kallergis, Airbus, Germany

14:30  Coffee break

Session 2  Extinguishing and evacuation
Chairman  Andreas Czyzlik, EUSAS

15:00  Halon alternatives for aviation applications
Terry Simpson, UTC Aerospace Systems, UK

15:30  General framework of aircraft evacuation tests
Wolfgang Moeller, Airbus, Germany

16:00  Integrated security & safety solutions for airports
Maarten Wings, Bosch, Germany

16:30  Voice alarm / Voice evacuation in airports - Interfacing VACIE and CIE - Challenges in larger systems like airports
Roland Voraberger, g+m Elektronik, Switzerland

17:00  End of the first conference day
17:10  EUSAS Annual General Meeting (members only)
19:00  Conference dinner

Wednesday, July 11, 2018

09:00  Welcome for the second conference day

Session 3  Fire detection in airport areas
Chairman  Thorsten Schultze, University Duisburg-Essen

09:00  Effective and early fire detection in aircraft hangars
Sören Wittmann, Bosch, Germany

09:30  Special fire detection systems on airports - Challenges in hangars, cable tunnels and airport halls
Stefan Brügger, Securiton, Switzerland

10:00  Fire detection by thermal radiation in open and half open storage places
Simon Trippler, Jörg Kelleter, GTE, Germany

10:30  Coffee break

Session 4  Evacuation and escape routing
Chairman  Michael Scharnowsky, EURALARM

11:00  Protection with video analysis against intrusion of the security zone „Critical Parts“ of bulky luggage belts in airports
Thomas Hermes, Securiton, Germany
Michael Seidl, Fraport, Germany

11:30  Considering the human factor into modern technologies: Explanation on adaptive escape routing systems
Sebastian Festag, ZVEI, Germany

12:00  Coupling of fire and pedestrian dynamics and real-time smoke spread simulations
Lukas Arnold, Forschungszentrum Jülich, Germany

12:30  Closing of the conference
Andreas Czyzlik, EUSAS Chairman
Dominique Taudin, EURALARM Chairman Fire Section

12:40  Business lunch
14:00  Airbus tour
16:00  End of the second conference day

Aim of the conference

This conference is about sharing experiences in the field of research, application and testing of fire safety and security technologies with the focus on aircraft and airport applications, but will also include aspects regarding passenger safety.

The first session in the conference is considering various aspects of fire detection and fire extinguishing in aircraft. The second session changes the focus from fire detection to more integrated safety and security solutions as well as to evacuation and extinguishing in airports and aircraft.

The third session concentrates on early and effective fire detection technologies for different special applications of airports, like hangars or cable tunnels. After looking into current questions of security in luggage areas of airports, the fourth session will focus on evacuation and related human behavior in crowded public areas such as in airports.

It is obvious that the conference will highlight a variety of today's aviation and airport-specific safety and security issues, providing attendees with an overview, deeper insights on special topics and inspire fruitful discussions.

Target group

The conference is aimed at representatives of airports, of the aviation industry, of the fire and security industry, test institutes, standard developers, practitioners and to scientists, who are interested in engineering and technologies of fire safety and security in the aviation sector.