

Date of the conference: June 21st / 22nd, 2007

Venue:

Airbus Deutschland GmbH
Hünefeldstr. 1-5
28199 Bremen, Germany

A conference dinner in the evening of June 21st will be organized.

Fees:

Members EUSAS	175 €
Members EURALARM	250 €
Students	100 €
Others	350 €

There will be a discount of 10% for registration before May 25th, 2007.

Bank account:

Bank	Sparkasse Duisburg
Account No.	200021715
Account holder	EUSAS European Society for Automatic Alarm Systems
Bank code	BLZ 350 500 00
Specific term	Bremen
Swift-BIC	DUISDE33XXX
IBAN	DE11 3505 0000 0200 0217 15

Conference organization:

Universität Duisburg-Essen
Nachrichtentechnische Systeme
Bismarckstraße 81
47057 Duisburg / Germany

Prof. Dr.-Ing. I. Willms Phone +49 203 379 3276

Petra Kaiser Phone +49 203 379 3364
Fax +49 203 379 2902
eusas@uni-due.de

Registration:

Please use the enclosed registration form and send it preferably by email, mail or fax to the University Duisburg-Essen, Petra Kaiser (addresses see below)

by June 19th, 2007 at the latest.

Registration in advance before the conference is mandatory.

Cancellation:

Registrations can be cancelled in written form without charge until 2 weeks before the conference. No reimbursement of fee is possible in case of later cancellation.

In case a registered participant is indisposed, you are welcome 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.



EUSAS Conference on

Airborne Fire Protection

June 21st / 22nd, 2007

Bremen, Germany

Program:**Thursday, June 21st, 2007, Bremen****11:30 Registration****Chairman: Prof. D. Kohl, Universität Giessen**

12:40	Welcome	Prof. em. H. Luck Universität Duisburg- Essen
12:50	Overview on aircraft fire and smoke detection and recent developments	Dr. A. Freiling Airbus Bremen
13:30	Aircraft video surveillance – applications and challenges	P. Doorman Airbus Bremen
14:00	Optimization of multi-criteria detection for aircraft cargo compartment	Ph. Mangon Siemens Buc Cedex, France
14:30	Multi-criteria fire detection using new nano-structured semi-conductor gas sensors	J. Kreutle Engineering AOA Gauting
14:50	Coffee Break	
15:20	Fire detection by gaseous emissions	Prof. D. Kohl Universität Giessen
15:50	Fire Gas Detection - a successful space technology transfer for the improvement of safety of terrestrial and air borne transportation systems	U. de Vries EADS RST Rostock
16:10	End of 1 st conference day	

20:00 Conference Dinner**Program:****Friday, June 22nd, 2007, Bremen****Chairman: Dr. A. Freiling, Airbus Bremen**

09:00	Computational Fluid Dynamics (CFD) based simulation for aviation	Prof. E. Galea University of Greenwich
t.b.c.		
09:30	Fire extinguishing in aircraft cargo compartments	S. Chaer Pacific Scientific
t.b.c.		
10:00	Fire detection for aircraft engines	R. Deletain Airbus Toulouse
t.b.c.		
10:30	Fire extinguishing in aircraft engines	Dr. M. Müller Siemens Buc Cedex, France
11:00	Coffee break	

Chairman: Christian Schmid, Airbus Bremen

11:20	Fire gas detection – practical aspects	Dr. J. Kelleter GTE, Viersen
11:50	Aircraft fire safety from materials point of view	H.-P. Busch Airbus Bremen
12:20	Discussion	
12:40	Closing of the conference	Prof. I. Willms Universität Duisburg-Essen
12:50	Lunch break	
13:30	Tour around selected departments of Airbus	
15:00	End of the 2 nd conference day	

Airborne Fire Protection**Aim of the conference**

Airborne fire protection is a highly specialized field and the used products are in general quite different from those used in industrial fire protection. Especially cargo compartments impose tough requirements on fire detection components due to continuously changing environments with extreme conditions concerning temperature, humidity, pressure and emissions from the freight.

This has lead to developments of detectors and extinguishing components which really reflect the state-of-the-art in fire protection. Therefore the topic of airborne fire protection is also of high interest for future developments of products for typical industrial applications.

In the first part the conference gives an overview on the latest developments in aircraft fire detection and in the topics of multi-criteria multi-sensor based fire detection including gas detection. Also the area of video surveillance is included.

The second part of the conference is devoted to questions of aircraft fire engineering, extinguishing of fires in cargo areas and in the engines. Finally application aspects are discussed concerning different view points (conc. operation and materials).

Target group

The conference is targeted at engineers and representatives from the electronic fire protection industry, specifically members of EUSAS, EURALARM, enterprises, notified bodies and their sector groups as wells as test houses.

Please note that the conference language is English!

