

## Overview

**Date of the conference:** May 22<sup>nd</sup> / 23<sup>rd</sup>, 2013

### Venue

BRE Garston  
Bucknalls Lane  
Watford WD25 9XX  
United Kingdom

### Venue contact

Helen Ball  
Phone +44 (0) 1923 664 000

For further information  
(site plan and map of the  
area) please see  
[www.bre.co.uk/directions.jsp](http://www.bre.co.uk/directions.jsp)



### Local organisation

Peter Massingberd-Mundy  
Phone +44 (0) 1442 242 330

**The conference dinner** will be in the evening of  
May 22<sup>nd</sup>, 2013 at the Shendish Manor Hotel  
(address opposite).

### Fees

EUSAS Members	250 EURO
Students	200 EURO
Others	450 EURO
Public services (e.g. fire brigades)	350 EURO

### 20 % Early bird discount

There will be a discount of 20% for registration until  
April 7<sup>th</sup>, 2013

### Bank account

Bank	Deutsche Bank Duisburg
Account No	499 051 100
Account holder	EUSAS e.V.
Bank code	350 700 24
Specific term	<b>EUSAS 2013</b>
Swift Code	DEUTDEB350
IBAN	DE 79 3507 0024 0499 0511 00

## 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 May 16th, 2013 at the latest**.  
You may also find the registration form on the EUSAS  
homepage [www.eusas.org/events](http://www.eusas.org/events)

### Cancellation

Registrations can be cancelled in written form without charge  
until 2 weeks before the conference. No re-imbusement  
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 Hotel

A conference hotel in Hemel Hempstead 7.2 miles from BRE  
is recommended for accommodation and will be used to host  
the conference dinner on the evening of 22nd May.

Shendish Manor Hotel  
London Road, Apsley, Herts, HP3 0AA, United Kingdom  
Phone +44 (0) 1442 23 22 20

[www.shendish-manor.com/](http://www.shendish-manor.com/)

A limited number of rooms have been allocated at a special  
rate. Please mention „EUSAS conference“.

An alternative local hotel is the Holiday Inn Express

[www.expresshemel.co.uk](http://www.expresshemel.co.uk)

**Please make your own hotel reservations.**

### Conference organisation

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EUSAS e.V. Sekretariat  
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UNIVERSITÄT  
DUISBURG  
ESSEN



## European Conference on Fire Detection in Challenging Environments

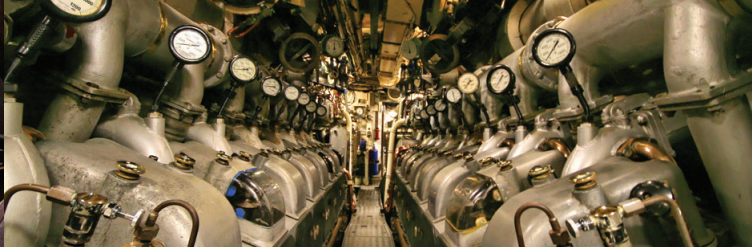
Conference language  
English



Conference sponsors



22<sup>nd</sup> / 23<sup>rd</sup>  
of May 2013  
Garston  
(Watford)  
UK



## Wednesday, May 22<sup>nd</sup>, 2013

11:30 **Registration & Light buffet lunch**

### Session 1

- |       |   |  |
|-------|---|--|
| 12:50 | <b>Welcome</b>  | Michael Schnell<br><i>EUSAS Chairman</i>             |
| 13:00 | <b>The UK approach to fire safety using risk assessment</b>                       | Colin Todd<br><i>CS Todd &amp; Associates Ltd.</i>   |
| 13:30 | <b>The challenge of achieving the right response to a fire alarm</b>              | Richard Coates<br><i>Independent Fire Consultant</i> |
| 14:00 | <b>Moves towards a common standard for fire detection design and installation</b> | Graham Simons<br><i>FIA</i>                          |
| 14:30 | <b>Coffee break</b>   |  |

### Session 2

- |       |  |  |
|-------|--|--|
| 15:00 | <b>Fire detection in computing environments and the challenge of modern cooling arrangements</b> | Dieter Schmitt<br><i>Allianz Deutschland AG</i>                          |
| 15:30 | <b>Protection of high spaces and high density storage in mega warehouses</b>                     | Adam Pool<br><i>Xtralis</i>  |
| 16:00 | <b>Effective detection for the protection of the elderly</b>                                     | Finn Massesson<br><i>DBI - Dansk Brand - og sikringsteknisk Institut</i> |
| 16:30 | <b>EUSAS Annual General Meeting (AGM), for EUSAS members only</b>                                |  |
| 19:00 | <b>Drinks reception followed by conference dinner</b>  |  |

## Thursday, May 23<sup>rd</sup>, 2013

### Session 3

- |       |  |   |
|-------|--|---|
| 09:00 | <b>Protecting industrial applications using resettable line-type heat detectors</b>      | Stefan Brügger<br><i>Securiton AG</i>         |
| 09:30 | <b>Detecting the type of fire - Current developments in air sampling smoke detection</b> | Peter Stahl<br><i>Wagner Switzerland Ltd.</i> |
| 10:00 | <b>Maintaining consistent and reliable performance in dirty environments</b>             | Derek Mander<br><i>Xtralis</i>                |
| 10:30 | <b>Coffee break</b>  |   |

### Session 4

- |       |  |  |
|-------|--|--|
| 11:00 | <b>Fire investigations rely on factual information</b>               | Peter Mansi<br><i>Fire Investigations (UK)</i> |
| 11:30 | <b>Fire detection type testing - A challenging environment?</b>      | Richard Phillips<br><i>formerly BRE</i>        |
| 12:00 | <b>Smoke detection in high ceiling spaces</b>                        | Raman Chagger<br><i>BRE</i>                    |
| 12:30 | <b>Open debate on issues raised during the conference</b>            |  |
| 13:00 | <b>Lunch</b>   |  |
| 14:00 | <b>Tours of BRE Innovations Park and the fire testing facilities</b> |  |
| 16:00 | <b>End of the conference</b>   |  |

## Aim of the conference



This conference is about sharing experiences of identifying the problems faced when designing for reliable fire detection in challenging environments and finding practical and cost effective solutions.

The first session in the conference aims to introduce and highlight the different approaches to the providing and responding to fire detection signals in the UK compared to other countries in Europe.

The second and third session include papers which present case studies where the challenges associated with some particularly challenging environment have been successfully addressed. The environments protected are characterised by excessive temperatures, high or unpredictable airflows, dirt or dust in the space, potentially explosive atmospheres, high background pollution, large open areas or small confined inaccessible spaces. The third session also has a technology focus and introduces some of the recent innovations which aim to solve some particular challenges associated with the provision of reliable fire detection.

The last session includes papers that deal with legal and regulatory challenges associated with achieving reliable detection and has a focus on performance testing of detection systems which forms the foundation of the product type approvals.

### Target audience

The objective is to attract standard developers / practitioners looking to gain a better understanding of the limitations of, and the alternative approaches to, prescriptive codes as well as risk assessors / system designers / consultants / insurance surveyors looking for knowledge / experience of protecting challenging environments.

### Additional information

On the final afternoon, delegates will have the opportunity to visit to the BRE Global fire test facilities and to visit the Innovations Park ([www.bre.co.uk/innovationpark](http://www.bre.co.uk/innovationpark)) which features 10 of the world's most sustainable homes.