



# **6<sup>th</sup> International Seminar on Fire and Explosion Hazards**

Sunday 11 - Friday 16 April 2010, University of Leeds, UK

## **International Organising Committee**

F. Tamanini (Chair) *USA*, V. Molkov (Vice-Chair) *UK*, D. Bradley *UK*, G. Cox *UK*,  
D. Drysdale *UK*, T. Hirano *Japan*, G. Makhviladze *UK*, J. Quintiere *USA*, J. Woodcock *UK*

## **ADVANCED NOTICE AND CALL FOR PAPERS**

All those with an interest in such hazards are invited to attend and submit presentations to the Seminar. It will be held at Weetwood Hall on the outskirts of Leeds, a former gracious country residence set within nine acres of parkland. The Seminar will present the latest developments and findings from experiments, theory, modelling and case studies on many aspects of fire and explosion safety, including: compartment fires, toxicity, flammability, structural safety, forest fires, radiation, deflagrations and detonations, large scale explosions, dust explosions, hydrogen safety and sustainability.

### **Attendees**

The Seminar will be of interest to a broad range of scientists, engineers, technologists, industrialists and students keen to hear about these advances. They will be able to gain new knowledge and explore its potential impact and application to the practical challenges of fire and explosion safety engineering. All involved in the field are invited to attend and submit presentations to the Seminar.

### **Plenary Lectures**

There will be invited plenary, state of the art, presentations by well known internationally renowned speakers:

- The Rt. Hon. Lord Newton of Braintree, 'The Buncefield Major Incident Investigation'. The Investigation covered the explosions and subsequent fires at the Buncefield Oil Depot on 11 December 2005.
- David Purser, 'Fire Toxicity'
- Domingos Viegas, 'Forest Fires'
- Elaine Oran, 'Large Scale Transitions to Detonation'
- Sergey Surzhikov, 'Dynamics and Radiation of Burning Hydrogen Clouds'
- Lou Gritzso, 'The Influence of Risk Factors on Sustainability'

### **Key Dates**

Abstracts Submission by	Saturday 31 October 2009
Acceptance by	Monday 30 November 2009
Final paper by	Sunday 17 January 2010
Final Acceptance by	Friday 26 February 2010
Registration by	Friday 12 March 2010
<b>Conference</b>	<b>Sunday 11 – Friday 16 April 2010</b>

## Submitting Papers

You and your colleagues are invited to submit a paper(s) by first providing an abstract to the Chair of the Scientific Advisory Board for review by members of the Scientific Advisory Board. Abstracts should be **2 pages long** (including figures and references) in **Word** format. Please use the template that can be downloaded from the website <http://www.engineering.leeds.ac.uk/cpd/feh6> and submit your abstract, by email to [papers.feh6@leeds.ac.uk](mailto:papers.feh6@leeds.ac.uk), **no later than Saturday 31 October 2009**. The first of the Seminars was held in 1995 in Moscow, as was the second. Subsequent Seminars have been held at Lake Windermere, Londonderry and Edinburgh, with the support of many organisations active in the field. The published Proceedings of each Seminar have become valuable archival sources for all working in the area.

## Scientific Advisory Board

D. Bradley *UK* (Chair), G. Makhviladze (Vice-Chair), V. Molkov *UK* (Vice-Chair), G.E. Andrews *UK*, P. Amyotte *Canada*, G. Atkinson *UK*, A. Atreya *USA*, V.I. Babushok *USA*, C. Beyler *USA*, P. Bowen *UK*, M. Braithwaite *UK*, R. Carvel *UK*, J. Chaineaux *France*, G. Chamberlain *UK*, W.K. Chow *China*, G. Cox *UK*, M. Delichatsios *UK*, B. Dlugogorski *Australia*, R. Dobashi *Japan*, S. Dorofeev *USA*, D. Drysdale *UK*, C. Fernandez-Pello *USA*, C. Fleischmann *New Zealand*, J.M. Franssen *Belgium*, S.M. Frolov *Russia*, C. Gardiner *UK*, J.F. Griffiths *UK*, Y. Hasemi *Japan*, T. Hirano *Japan*, T. Jordan *Germany*, B. Karlsson *Iceland*, J. Keller *USA*, U. Krause *Germany*, S. Kumar *UK*, M. Lawes *UK*, J.H.S. Lee *Canada*, K. Luo *UK*, R.E. Lyon *USA*, A. Marshall *USA*, A. McIntosh *UK*, B. Merci *Belgium*, H. Michels *UK*, V. Novozhilov *UK*, E. Oran *USA*, H.N. Phylaktou *UK*, D.K. Pritchard *UK*, D. Purser *UK*, J. Puttock *UK*, J. Quintiere *USA*, A. Rangwalla *USA*, J.P.C. Rodrigues *Portugal*, P.A. Rubini *UK*, K. Sato *Japan*, R.J. Schaal *USA*, G. Sharpe *UK*, Y. Shebeko *Russia*, A. Simeoni *France*, R. Siwek *Switzerland*, J. Staggs *UK*, P. Sunderland *USA*, S. Surzhikov *Russia*, F. Tamanini *USA*, J. Torero *UK*, A. Trouvé *USA*, A. B. Viegas *Portugal*, J. Wen *UK*.

## Venue

The four star Weetwood Hall Conference Centre and Hotel has been extended and extensively renovated. They offer excellent conference and hotel facilities, ample parking, and good transport links with the nearby Leeds Bradford International airport and Leeds City Station rail network. Accommodation is available at Weetwood Hall. Further details of the Hall and accommodation can be viewed at [www.weetwood.co.uk](http://www.weetwood.co.uk). There is a large variety of other accommodation available in the Leeds area (see Link). The Seminar Banquet will be held on Thursday, 15 April in the Gallery of the Royal Armouries Museum, part of Britain's oldest national museum.

## Seminar Fee

The Seminar fee of £740 (student fee £370) includes attendance at all the sessions, Book of Abstracts, refreshments, lunches, Welcome Reception on Sunday, Seminar Banquet, and the published volume of the Seminar Proceedings.

## Leeds Organising Committee

G.E. Andrews (*Chair*), H.N. Phylaktou (*Vice Chair*), D. Bradley, C. Gardner *Burgoyne & Partners*, J.F. Griffiths, A. Hedges *Arup Fire*, M. Lawes, R. McCready *WSP*, I. McFarlane *Buro-Happold*, A. McIntosh, G. Sharpe, J. Staggs, A.J. Whiteley.

## For further information and enquiries please contact:

FEH6 Seminar Secretariat,  
CPD Unit, Faculty of Engineering, c/o Room 209, Civil Engineering,  
University of Leeds, LEEDS, LS2 9JT, UK  
Telephone: + 44 (0)113 343 2494 / 8104  
Fax.: + 44 (0)113 343 2511  
Email: [feh6@leeds.ac.uk](mailto:feh6@leeds.ac.uk)  
W: <http://www.engineering.leeds.ac.uk/cpd/feh6>