

Information for Delegates

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Introduction

Annual Conference: Fire Related Research and Developments (RE04)

Wednesday 24 and Thursday 25 November 2004

Information for Delegates

Bookings are now being taken for the next **conference on fire-related research and developments at the Fire Service College (RE04)**. This annual event brings together delegates from a range of backgrounds including brigades, senior policy-makers, universities, consultancies and international organisations interested in fire-related research and best practice. We warmly invite you to join us and spread news of this event to others who may be interested in attending.

This year we are delighted to include two special **pre-conference events on Tuesday November 23 (with no attendance cost)**: - a presentation by the Fire and Rescue Statistics User Group and an evening presentation by Captain Brenda Berkman of the New York Fire Department who will speak on Women in the Fire Service.

Benefits of attending these events include the opportunity to:-

- be informed about the latest developments in research and best practice and learn from a range of approaches and perspectives on key topical issues
- meet and network with a range of professionals from across fire-related communities
- tour the extensive fireground at the College. This is designed for a wide variety of simulated incident scenarios on road, rail, aircraft and shipping scenarios, including chemical plant, oil storage, industrial and offshore emergencies
- visit the College's library and research facility, regarded as the most comprehensive fire, fire safety and emergency response related learning resource of its kind
- receive a certificate of attendance and award of CPD hours by the IFE (we offer a special discounted rate for IFE student members)
- discuss opportunities for further professional development with representatives from the IFE, City and Guilds and IPDS

Conference themes this year include:

- Developments in Structural Fire Engineering
- Equality and Diversity
- Safe Operations and Working Practices
- Aspects of Disaster Management
- Understanding & Responding to Communities
- Current Issues in Fire Law & Regulatory Reform
- Community Violence & the Fire Service
- Fitness for Duty: Physical and Psychological Health in the Fire Service
- Communication, Knowledge Management & Leadership
- Control Rooms and Call Management

Information for Delegates

Details of the pre-conference and conference programmes as well as booking forms are available in this document. Please complete a booking form if you are interested in attending any or all of these events. For any queries please contact the Event Co-ordinator - Dr Anne Eyre - Tel: 01926-427939 or 0777-3894675. Email: anne.eyre@traumatraining.com

Pre Conference Events

1) The Work of the Fire and Rescue Statistics User Group (FRSUG)

Main Lecture Theatre, Fire Service College

Tuesday November 23 from 2-5pm

The Fire and Rescue Statistics User Group will present on its work. The FRSUG is a forum to promote free exchange of views and information on fire and related events. The group includes members from government, the fire service and commercial and other groups with an interest in measuring or understanding the costs and effects of fire.

The Group identifies new sources of fire information and monitors existing sources to improve access to information. It also encourages collaboration and data sharing between users and producers of data in order to identify and address areas where data is lacking.

Current projects include: designing a website for the Group, the use and effectiveness of portable fire extinguishers in buildings, input into the redesign of the national Fire Damage Report Form FDR1, updating the Group's database of sources of fire information and investigating ways to measure the cost of fire in the UK.

2) 'Women in the Fire Service: Past Accomplishments, Future Goals'

Captain Brenda Berkman (New York City Fire Department)*

Main Lecture Theatre, Fire Service College

Tuesday November 23 2004 from 7-9pm

Captain Brenda Berkman is a twenty-three year veteran of the New York City Fire Department. As an attorney who wanted to be a firefighter, she initiated the lawsuit resulting in the first women being hired as firefighters by the FDNY. She was awarded the prestigious White House Fellowship in 1996, the first and only firefighter chosen in the 35-year history of the program. She is a noted speaker on issues relating to women in non-traditional employment, particularly sexual harassment and physical abilities testing

*This event is sponsored by CFOA in partnership with the Fire Service College.

NB There is no charge to attend either of the events above but please complete a booking form ASAP to guarantee your place. Numbers are limited to 150. If you wish to book meals/accommodation at College rates please indicate this on the booking form.

Annual Conference Programme: Fire Related Research and Developments (RE04)

Wednesday November 24 - Thursday 25 2004

(Please note this programme is a DRAFT at the time of writing. The organisers reserve the right to alter the content. See the Fire Service College website for updates on the conference programme - www.fireservicecollege.ac.uk)

Wednesday 24 November

9-9.45 a.m Registration + Coffee

9.45 a.m Introduction to Conference; opening by Chief Executive Fire Service College

Keynote Speaker: Captain Brenda Berkman (New York City Fire Department) **Is the Fire Service Ready for "Diversity"?**

Mark Mitchell (West Sussex County Council) - **The Civil Contingencies Act 2004 and its Implications for the UK Fire and Rescue Service**

Stephen Walls (Victoria Country Fire Authority) **Training for Command and Control Skills - Innovation and Best Practice in Australia, USA and UK**

12.30- 2pm Lunch

2-3.30pm

Developments in Structural Fire Engineering	Equality & Diversity
Barbara Lane (Arup Fire) Structural Fire Engineering - its impact on Life Safety	Brenda Berkman (New York City Fire Department) The US Experience with Firefighter Physical Abilities Testing
Steve Prescott (Cable Fire Research Association) Safe Installations with Enhanced Fire Performance Cables	Dave Baigent (Fire Service Research and Training Unit, Anglia Polytechnic University) FireWorks: For Equality in the Fire Service
Allan Jowsey (University of Edinburgh) Determination of Fire Triggered Collapse Mechanisms of Multi-Storey Steel Framed Structures: A Case Study	Su Peace (Access Consultant - Qequality) The DDA (1995) and means of escape for disabled people, facilitated versus assisted escape.

3.30-4pm Tea

4-6pm

Information for Delegates

<p>Safe Working Operations & Practices</p> <p>Peter Camp (AstraZeneca) The Integration of Fire into an Overall Risk Management Framework and the Assurance of Appropriate Performance</p> <p>James Lavender (Chiltern International Fire Ltd) PII Research Project - A Quantified Fire Risk Assessment Model for Designing Indoor Play Areas</p> <p>Sean Ruth (Surrey Fire and Rescue Service) Safer Communities through Change - A Variable Crewing System</p> <p>David George Manthorpe (London Fire Brigade) Pump, Hose, Branch, Foam, Tactics</p>	<p>Aspects of Disaster Management</p> <p><i>Philip Buckle (Coventry University) Emergency Management: New Risks and New Arrangements for the 21st Century</i></p> <p>Miles O'Reilly (ReSART) Urban Search & Rescue: - A First Responders Syllabus</p> <p>Daren Davies (IntegriGuard, LLC) Forensic Science and the Fire Service: Recent Developments and World Events</p> <p>Tim Thompson (University of Dundee) Recent Advances in the Study of Burned Bone and their Implications for Victim Identification following Mass Disaster</p>
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6.15pm Tour of the Fire Experimental Unit

7pm Buffet

8.15-9.30pm

<p>Understanding & Responding to Communities: Implications for the Fire Service</p> <p>Pamela Donnelly (Anglia Polytechnic University) - A Response to the Challenges of the Government White Paper 'Our Fire & Rescue Service'. A Perspective on the Social Exclusion Agenda - the Case of Merseyside Fire Service</p> <p>David Townsend (London Fire Brigade) Hoarders (Obsessive Compulsive Disorder): Practical Implications for the Fire Service</p> <p>Chris Palmer (Avon Fire & Rescue Service) Understanding Cities: The Relationship between the 'Built Environment' and Social Behaviour in a Fire Service Context</p>
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Thursday 25 November

9-10am Fireground Tour/Opportunity to View Poster Displays

<p>Current Issues in Fire Law and Regulatory Reform</p>	<p>Community Violence & the Fire Service</p>
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<p>Rosemarie Ann Everton (University of Central Lancashire) - Aspects of Fire Law and Policy, 2004: Where are We?</p> <p>Kathryn O'Brien - Teaching an Old Dog New Tricks -Changes in Enforcement Style Demanded by the Regulatory Reform (Fire Safety) Order</p>	<p>Chris Case (Merseyside Fire & Rescue Service) Playing with Fireworks' -Tackling the Challenges of Pyrotechnics Misuse in the UK</p> <p>Alexander Macdougall & Natalia Wentink (Merseyside Fire & Rescue Service) Violence against Firefighters</p>
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11-11.30am Coffee

11.30 - 1pm

<p>Fitness for Duty: Research on Physical Health & Training</p> <p>V Rene Nevola (Defence Science and Technology Laboratory) Development of a Task-Based, Physical Training Programme for Potential Firefighters</p> <p>Christopher Ide (Strathclyde Fire Brigade) - Audit of Hearing Losses in Wholetime British firefighters who have taken Ill-Health Retirement (IHR) as a Result of Hearing Problems</p> <p>Tug Davies (Staffordshire Fire & Rescue Service) The Physiological and Psychological Effects on Fire-Fighters Responding to Simulated Road Traffic Accidents (Rats).</p>	<p>Communication, Knowledge Management & Leadership</p> <p>Chris Enness (Essex County Fire and Rescue Service) A study into the Effectiveness of Internal Communications Strategies used within the Fire Service</p> <p>Russell John James (Greater Manchester County Fire Service) Towards an Action Learning Framework for Knowledge Management within the Fire Service. Does this Intangible Asset offer a Catalyst for Transformational Cultural Change?</p> <p><i>Gary Alan Fleming (Essex County Fire and Rescue Service) A Study into the Role of Leadership as an Element of the Management Function.</i></p>
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1-2pm Lunch

2-3.30pm

<p>Fitness for Duty: Research on Stress & its Management within Fire Services</p> <p>David Milen (Walden University) - Stress and Coping Abilities of Firefighters after Traumatic Events</p> <p>Leigh Blaney (Malaspina University-College) In the Inferno - Critical Incident Stress management in the Fire Service: What Works and How Do We Know?</p>	<p>Control Rooms and Call Management</p> <p>Jeff Clawson, Brian Dale and Gwyn Pritchard (Gwyn Pritchard Associates) Risk Management of Call Taking in the Fire Service: The Ideal Solution</p> <p>Lynne Harding (Essex County Fire and Rescue Service) - Why the Investment in the ODPM Proposals for Regional Controls and No Investment in</p>
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Information for Delegates

<p>Mohd Dahlan A Malek, Kathryn Mearns & Rhona Flin (University of Aberdeen) - Occupational stress and well being in Malaysian and British Fire fighters</p>	<p>Improving the Status Quo?</p> <p>Philip Wilson (London Fire Brigade)- Emergency Call Management: Developing a Call Interaction Model for Assessment and Development</p>
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3.30 Tea & Depart

Poster Presentations

Shane Ewen (University of Leicester) Our Fire and Rescue Service: A Local, Regional or National Responsibility? Lessons from History

Clare Borrás (Human Factors Integration Defence Technology Centre) and Greg Preston (The Fire Service College) Human Factors to Improve Emergency Management Training for Fire Fighting Teams

Peter Camp (AstraZeneca) The Integration of Fire into an Overall Risk Management Framework and the Assurance of Appropriate Performance

David Townsend (London Fire Brigade) Hoarders (Obsessive Compulsive Disorder): Practical Implications for the Fire Service

Mick Kernan (The Fire Service College) - Fire History, Do We Need it? If So, Why?

Dave Baigent (Fire Service Research and Training Unit, Anglia Polytechnic University) Fireworks: For Equality in the Fire Service

David Milen (Walden University) - Stress and Coping Abilities of Firefighters after Traumatic Events

Miles O'Reilly (ReSART) Urban Search & Rescue: - A First Responders Syllabus

Pamela Donnelly (Anglia Polytechnic University) A Response to the Challenges of the Government White Paper 'Our Fire & Rescue Service'. A Perspective on the Social Exclusion Agenda - the Case of Merseyside Fire Service

Russell John James (Greater Manchester County Fire Service) Towards an Action Learning Framework for Knowledge Management within the Fire Service. Does this Intangible Asset offer a Catalyst for Transformational Cultural Change?

Stephen M. Walls (Victoria Country Fire Authority) Training for Command and Control Skills - Innovation and Best Practice in Australia, USA and UK

Alexander Macdougall & Natalia Wentink (Merseyside Fire & Rescue Service) Violence against Firefighters

James Lavender (Chiltern International Fire Ltd) PII Research Project - A Quantified Fire Risk Assessment Model for Designing Indoor Play Areas

Chen, Yung-Fang and Edward P. Borodzicz (Portsmouth University) Flood Simulation: A Case Study in the UK

Leigh Blaney (Malaspina University-College) In the Inferno - Critical Incident Stress Management in the Fire Service: What Works and How Do We Know?

V Rene Nevola (Defence Science and Technology Laboratory) Development of a Task-Based, Physical training Programme for Potential Firefighters

Sally-Anne Latcham (Cleveland Fire Brigade) Juvenile Firesetting: What Motivates the Use of Fire?

Steve Prescott (Cable Fire Research Association) Safe Installations with Enhanced Fire Performance Cables

John McDermott (Cheshire Fire Service) Environmental Management Systems

Information for Delegates

Neil Greenberg (GKT School of Medicine & Institute of Psychiatry/Royal Navy) Traumatic Risk Management (TRiM): The Royal Marines System for Man Management after Traumatic Incidents

David Hanlon (Oxfordshire Fire & Rescue Service) & Bruce McGlashan (Environment Agency) - Down the Drain? What Now for the Fire Service and Environment Agency Partnership?

Marion Jane Barnes (The Fire Service College) Burning the Books: Library & Information Services within the British Fire Services

Amanda Collicutt (The Fire Service College) Fire Service College Library and Information Resource Centre

Kathryn O'Brien (University of Salford) Teaching an Old Dog New Tricks - Changes in Enforcement Style Demanded by the Regulatory Reform (Fire Safety) Order

Colin Meech (Fire Service College) Enhancing the IPDS with Vocational Degree Programmes

Tom Buchanan, Ian Jackson & Richard Danns (BMT Defence Services) Fire Risk Assessment of Complex Structures - Royal Naval Warships

Des Williamson (Buckinghamshire Fire & Rescue Service) Civil Resilience: An Investigation into the Strategic Framework in New Zealand and the Implications for the United Kingdom

Ferhana Hashem (Anglia Polytechnic University) Exploring the Boundaries of Positive Action in the Fire Service

Sue Ferguson (Anglia Polytechnic University) The Public Service Degree at APU, Cambridge