

**Annual Conference: Fire Related Research and Developments (RE11)
Thursday November 17th 2011**

*Draft Conference Programme**

From 8.30a.m

Registration & Refreshments

9a.m

Welcome & Conference Opening (Main Lecture Theatre (MLT))

9.15-10.45am

Two Parallel Sessions

Reducing Fire Deaths in the Home
Room PD2

D Wales and O Thompson (Kent Fire and Rescue Service) - Human Behaviour in Dwelling Fires: A Qualitative Insight

C Fiddeman and P Usher (Cheshire Fire and Rescue Service) - Making Cheshire Safer - One by One

D Stevens and G Luznyj (Staffordshire Fire and Rescue Service) - The Efficacy of Ionisation Smoke Detectors: It's Time to Warn the Public

Working with Community Groups to Enhance Fire Safety
MLT

K Matheson, R Manning and S Williams (University of the West of England) - Fireman Sam or Dennis the Menace: Residents' Perceptions of the Fire Service in Three Bristol Neighbourhoods

R K. Smith and M Wright (Greenstreet Berman Ltd) - Encouraging Behaviour Change in those Most at Risk from Fire

B Somerkoski - (Emergency Services College of Finland) - Working with Juvenile Firesetters in Finland

10.45-11.15a.m

Coffee/ Networking/Poster Presentations

11.15-12.15pm

Three Parallel Sessions

Addressing Operational Risks to Firefighter Safety

Room PD2

R Gasaway (Independent Consultant) - The Mental Management of Emergencies

B Gough (Fire Service Research and Training Trust) - 'Consequence Blindness': A Study of operational injuries in the Fire and Rescue Service

Partnership Working and Community Engagement

BSR

M Anderson (Cheshire Fire and Rescue Service) - Adult Safeguarding: Partnership Working with Local Safeguarding Adult Boards

T Prosser (West Midlands Fire Service) - Too Hard to Do? Engaging Hard to Reach Communities in Hard Times: A Transatlantic Review

Research with Fire Service Personnel: Implications for Education, Training and Support

MLT

Fred Malven (Iowa State University) - Influences of Supplementary Visual Educational Material on the Retention and Recall of Fire-Related Concepts

A Pickerden (Independent Consultant) - Work Life Balance: Problems and Solutions for the Fire and Rescue Service

12.15-12.45pm

Three Parallel Sessions

Numerical Simulation of Warehouses Fire Suppression

Room PD2

E E Moughib (ECDG Consulting) and M A Fouad (Cairo University) - Modelling and Simulation of Fire Suppression Systems of High-Bay Warehouses

Evaluation Strategies for Measuring Community Safety Interventions

T Simpson, C Hooper (Nottinghamshire Fire and Rescue Service), V Brunsden and R Hill (Nottingham Trent University) - The Development of Evaluation Strategies to Measure the Impact of Community Safety Interventions in Nottinghamshire

Using Fire Investigation to Reduce Fires involving Electrical Intakes

MLT

M Hobbs (East Sussex Fire and Rescue Service) - A Journey in Fire Investigation: Achieving Wider Outcomes

12.45-1.45pm

Lunch/Networking/Poster Presentations

1.45-2.45pm

Two Parallel Sessions

**Delivering Fire Services during Economic Austerity:
UK and US Approaches**
Room PD2

K Greenhalgh, P Murphy and C Parkin (Nottinghamshire Fire and Rescue Service) - Risk Assessment and Service Reconfiguration in an Era of Austerity: A Case Study of the Fire Cover Review in Nottinghamshire

R England and A Brown (Oklahoma State University) - Responding to Fiscal Stress: The Case of the U.S. Fire Service

Responding to Major Emergencies
MLT

J Pearce and B Rogers (Kings College London) - 'I'll just pop to the shop': The Role of Risk and Crisis Communication in Enhancing Public Compliance with Health Advice during a Chemical Incident Emergency

D Milen (Franciscan Alliance St. Margaret Health) - Dealing with an Active Shooter: Testing Emergency Response in a US Hospital Setting

2.45-3.15pm

Tea/Networking/Poster Presentations

3.15pm-4.45.pm

Three Parallel Sessions

Optimising Fireground Communication, Decisions-Making and Performance

PD

F Malven (Iowa State University) - *Where Am I? Assessing the Means and Accuracy of Critical Communications Between Interior and Exterior Fire Personnel*

D Catherwood, G Sallis, G Edgar and A Medley (CRACKLE) - *The Effect of 'Scoping' on Fireground Situation Awareness in Tabletop Training Exercises*

P Young (Tyne and Wear Fire and Rescue Service) - *Benefits, Pitfalls and Compromises to Achieving Optimal Firefighter Performance: Psychology, Physiology and Coping Strategies during Breathing Apparatus tasks*

Using Data Analysis to Inform Policy and Practice

BSR

A Clarke (Swansea Metropolitan University) - *A Novel Method for Strategic Fire and Rescue Service Decision Making using Evolutionary Algorithms: A Case Study*

J Baker (Loughborough University) and S Raue (Glasgow University) - *Evaluation of Prevention and Protection Activities on Commercial, Public and Heritage Buildings: E-ProBuild*

I Gavin (University of Glasgow) - *Fire Fatalities in Accidental Dwelling Fires*

Interventions for Arsonists and Young Firesetters

MLT

Jennifer Marshall (Nottinghamshire Healthcare NHS/The University of Nottingham) - *Interventions for Arsonists: A Systematic Review*

R Gillibrand and B Hooper (University of the West of England) – *Applying Developmental Psychology Theories in Interventions with Young Firesetters in Bristol.*

J Marshall, A Daykin, S Burman, A Benn (Nottinghamshire Healthcare NHS Trust) - *Dampening down the Flames: An Evaluation of an Arson Treatment Programme for Male In-patients in a High Secure Hospital*

4.45pm **Announcement of the 2011 Gore/Fire Award**

5pm **Final Comments, Evaluation & Depart**

Poster Presentations

C A Biolchini (Rio de Janeiro University) - Ejecting ice on Wildland Fires

H Carter, R Amlôt and J Drury (University of Sussex) - Communicating with the Public during Incidents involving Mass Casualty Decontamination: Highlighting the Gaps in Preparedness and Response.

G Edgar, D Catherwood, G Sallis, H Edgar and A Medley (Centre for Research in Applied Cognition, Knowledge, Learning and Emotion (CRACKLE) - What do V-signs do to Drivers?

R England and A Brown (Oklahoma State University) - Responding to Fiscal Stress: The Case of the U.S. Fire Service

R Gillibrand and B Hooper (University of the West of England) - Applying Developmental Psychology Theories in Interventions with Young Firesetters in Bristol.

D Milen (Franciscan Alliance St. Margaret Health) - Emergency Planning and Response to US Tornadoes

A Weaver (East Sussex Fire and Rescue Service) - The Value of Simulation Learning in Extrication Training

P Wilkinson (Loughborough University/The FPA) - Ensuring Resilient Building Design using Fire Engineering

**Please Note: These are draft details & may change. Any programme changes will be posted at: <https://www.eventsforce.net/ife/re11/home>*