

**Looking Back, Looking Forward:**  
***Marking 20 years of Fire Related Research, Development and Innovation (RE16)\****

Tuesday 15<sup>th</sup> November 2016  
West Midlands Fire Service HQ, Birmingham

From 8.30am

Registration and coffee

9.15-9.30am

Welcome and Introduction (IFE and Dr A Eyre)

9.30-10.30am

**Improving Fire and Rescue Services'  
(FRS) Operational Response**

Room 1

J Turner (National Operational Guidance Programme) The UK National Operational Learning Project

P Butler (National Operational Guidance Programme) What are UK Fire and Rescue Service Incident Commanders' Non-technical Skills?

**Understanding and Addressing  
Firesetting**

Room 2

G Winship (University of Nottingham) and P Brown (Nottinghamshire FRS) Piloting a counselling intervention focussing on Repeat Referrals of children/young people setting fires

B Wyatt (University of Kent) An exploration of fire professionals' opinions of deliberate firesetting dangerousness: a thematic analysis

**Organisation and Management of  
Fire and Rescue Services**

Room 3

D West (Nottinghamshire FRS) and P Murphy (Nottingham Trent University) An appraisal of the current and future use of the Retained Duty System in Fire and Rescue Services in England

C Clark (Nottinghamshire FRS) and P Murphy (NTU) A case study of the management of the amalgamation of the Specialist Rescue Team back into station activities within Nottinghamshire Fire and Rescue Service

10.30-11.00am

Coffee/poster displays

11.00-12.30pm

Parallel sessions

**The Role of Fire and Rescue Services (FRS)  
in Community Safety and Community Engagement**

Room 1

C Hastie (Coventry University) Community engagement and fire prevention: implications for FRS and fire safety interventions

T Simcock (University of Chester) Exploring the changing roles of FRS employees from a psychological perspective

A Mills (South Yorkshire FRS) Press to Test – testing ‘nudge’ theory in a fire and rescue world through a study of FRS’ marketing and communication

**Fighting Fires and Fire Safety in Particular Environments**

Room 2

R Carvel and A Majdalani (University of Edinburgh) Strategies for fire-fighting in basements

F Fritz (EmiControls) Turbine aided firefighting in tunnels: practical experiences and supporting theoretical concepts

Jim Baker (University of Edinburgh) Social Aspects of Fire Safety

12.30-13.30pm

Lunch/networking/poster displays

13.30-14.30pm

Parallel sessions

**Firefighter Health, Welfare and Wellbeing: Organisational Implications**

Room 1

G Spriggs (Langford Fire Rescue Service) and L Blaney (Vancouver Island University) Enhancing firefighter resilience: the journey from research to action

K Maher (Loughborough University) Organisational change within a UK Fire and Rescue Service: a longitudinal mixed methods project assessing the impact of the introduction of a live-in shift system

**Collaborative Working**

Room 2

J Mills (Nottinghamshire FRS) and P Murphy (NTU) Barriers to collaborative investigations for the East Midlands Fire and Rescue Services

P Murphy (NTU) An appraisal of the current proposals for increased collaboration in non-response services between the 3 blue light emergency services, and the proposed roles for Police and Crime Commissioners in the governance and management of Fire and Rescue Services

**Innovations in Fire Suppression and Fire Modelling**

Room 3

C Benson and G Fernandez-Cerezo (London South Bank University) Challenges for the development of EFFICIENT - An Environmentally Friendly Fire Suppression System for Cargo using Innovative Green Technology

S Dembele (Kingston University) Modelling pool fires and hazards prediction: progress and challenges

14.30-15.00pm

Tea/poster displays

15.00-16.30pm

Parallel sessions

**Firefighter Health, Welfare and Wellbeing:  
Organisational Implications (contd)**

Room 1

E Dean and B Frost (Greater Manchester FRS)  
Understanding occupation risk of suicide for UK  
firefighters

L Sanderson (Nottingham Trent University) Post-  
traumatic growth in Fire and Rescue Service  
personnel

C Abbott (Nottinghamshire FRS) Exploring how  
mindfulness training impacts on the mental health of  
fire service personnel

**Preventing Heat Illness in Harsh Operating Environments**

Room 2

L Marsh and A Creighton (Inova) Preventing Firefighter Heat Injury  
through Wearable Technology: Bodytrak

**Community Resilience and Emergency Preparedness**

Room 2

D Davis (Pop-Alert Consortium) Improving population preparedness  
and community resilience in crises: the Pop-Alert Project

**Accounting and Transparency in Fire and Rescue Authorities**

Room 2

T Spencer, J Hayden and P Murphy (NTU) An appraisal of the current  
and future use of 'Statements of Assurance' required of Fire and  
Rescue Authorities in England

16.30pm

Presentation of the 2016 Gore/FIRE Awards

Final comments, evaluation and depart

## Poster Presentations and Displays

1. J Baker (University of Edinburgh) Social Aspects of Fire Safety
2. L Blaney (Vancouver Island University) As the devil dances: a constructivist grounded theory of resilience in volunteer firefighters
3. B Gough (Coventry University) The 'moment of choice': A human factors analysis of firefighter injury sustained during emergency response operations.
4. V Mozer (University of Žilina ) and P Wilkinson (Pyrology) Assessing fire protection levels within the built environment
5. D Perrott, M Quinn and E Beddows (South Yorkshire Fire and Rescue Service) HOPE Trauma Support Programme
6. C Spoons (Walden University) The Relationship Between Live-Fire Training Fatalities and the Use of Unapproved Fuels
7. P Wilkinson (Pyrology) and C Smith (British Standards Institution) The development of fire safety engineering standards

*\*Please Note: These are draft details and may change. Any programme changes will be posted at: [www.ife.org.uk/events](http://www.ife.org.uk/events)*