Annual Conference: Fire Related Research and Developments (RE15)
Thursday 12th November 2015

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

From 8.30am  Registration and coffee
9.15-9.45am  Welcome and conference opening (Main lecture theatre (MLT))

Keynote presentation
(MLT)

Performance Management and Financial Resilience in FRS – a smouldering issue
P Murphy (Nottingham Trent University)

9.45-10.45am

Creating Public Value and Improving Services
MLT
B Coleman (Nottinghamshire FRS), D Harradine (Nottingham Trent University) and P Murphy (Nottingham Trent University) - Greater collaboration between the emergency service: an appraisal of the barriers

Introducing a Stove Guard Safety System to Reduce Cooking Fires
Room PD2
L Garrett & M Larking (Cheshire Fire & Rescue Service) - Investigation into the effects of cooking fire safety mitigation technology and its potential impact on reducing the occurrences of cooker-top fires, injuries and fatalities.

Improving Technical Fire Safety Literature
MLT
F Malven (Iowa State University) - A Comparison of Three Methods of Communicating Fire Safety Information to Building Designers

Fire Protection and Guidance for Recreational Piers
Room PD2
J Ivison (John Ivison and Associates) - Fires in Historic piers: strategies for protection of coastal heritage.
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<tr>
<td>10.45-11.15am</td>
<td>Coffee/poster displays</td>
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<td>11.15-12.45pm</td>
<td>Parallel sessions</td>
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<td>12.45-13.45pm</td>
<td>Lunch/networking/poster displays</td>
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<td>13.45-14.45pm</td>
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**Fire Service Organisation, Leadership and Management**

**MLT**

J Hayden (Nottinghamshire FRS) and P Murphy (Nottingham Business School) Performance Management and Service Improvement: An evaluation of the Operational Assessment and Peer Challenge process in England

V Brown (Nottinghamshire FRS) and P Murphy (Nottingham Business School) Internal Communication Strategies: An evaluation of their use during major service reconfigurations and mergers.

J Moschella (Anna Maria College) A Survey of the Leadership Styles of Fire Chief Officers in the United Kingdom and Taiwan

**Operational Preparedness, Communication and Emergency Response**

**Room PD2**

G Steptoe-Warren and T Evans (Coventry University) The Development of a Situational Judgement Test to Assess Operational Preparedness

F Malven (Iowa State University) Role-Differentiated Spatial Awareness & Communication in (U.S.) Structural Search and Rescue Operations

L Swan (University of Liverpool) Improving Communication with Casualties during an Emergency

**Firefighter Health, Rehabilitation and Wellbeing**

**MLT**

L Sanderson (Nottingham Trent University) Posttraumatic Growth in Fire and Rescue Service Personnel

N Patton (The Firefighters Charity) Evaluating the effectiveness of rehabilitation programmes for those with a lower limb problem

**Fire Investigation**

**Room PD2**

P Mansi (Fire Investigations (UK)) - Fire Investigation Road Maps and Decision Trees to assist Fire Causation Identification and improve Arson Prosecutions

**Shiftwork, Sleep and the Fire Service**

J Billings (Oklahoma State University) The Effects of Fire Department Shift Schedules on Sleep Quality
14.45-15.15pm  Tea/poster displays
15.15-16.45pm  Parallel sessions

**Understanding Fire-Related Behaviour and its implications for Fire Service Interventions**

MLT

J Mytton and T Goodenough (University of the West of England)
What do children and young people do when they find themselves in a fire at home? A systematic review of qualitative research

T Simcock and R Hulme (University of Chester) Has the Home Safety Assessment influenced behavioural change?

D Wales and O Thompson (LIFEBID Project) A new perspective on accidental dwelling fires and why it matters

**Hazard Perception and Decision-Making**

Room PD2

V Kroll (Nottingham Trent University) Developing the Fire Appliance Hazard Perception test

D Crundall (Nottingham Trent University) Assessing hazard perception and decision-making skills of fire commanders in an emergency response drive situation

K Lamb (Introspect Services) Applying the Introspect Model to Incident Command: Competency Assessment in the Virtual World

16.45pm  Presentation of the 2015 Gore/FIRE Awards

Final comments, evaluation and depart
Poster Presentations

J Lancaster & S McGuirk (Fire Service Research and Training Trust) Seeking Funding? Grant Opportunities through the Fire Service Research and Training Trust

I Kavanagh, A Goncharenko and L Goncharenko (Independent) Tackling fires with WDD (water discharge device (WDD): An apparatus for fluid transportation and draining

C Spoons (Walden University) Lessons Learned from the Ebola Response in Dallas, Texas

X Zhang (Sichuan Fire Research Institute of Ministry of Public Security of China) Preparation and Evaluation of a Novel Porous Thermal Insulation Composite Used for Walls of High-rising Buildings

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