

FIRE SAFETY CONFERENCE

The Institution of Fire Engineers

Wednesday 18th October 2017



Republic of Ireland Branch

“Communicating the Fire Safety Message”

Carlton Airport Hotel, Old Airport Road, Collinstown, Co. Dublin

www.ife.ie

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2017 FIRE SAFETY CONFERENCE



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PROGRAMME	18 th OCTOBER 2016
8.30 – 09.20	Registration of Delegates.
9.20	Welcome address of Mr Paul L'Estrange IFE (Republic of Ireland) Branch President
9.25	Launch of Conference
SESSION 1	Learning Lessons - Reducing Losses
Session Chairperson	Tom Leonard, Partner, Byrne Ó Cléirigh Consulting.
9.30 – 10.10	Peter O'Reilly, County Fire Officer & Chief Executive, Greater Manchester Fire & Rescue Service. <i>“Institution of Fire Engineers : Professionalising Roles within GMFRS”</i>
10.10 – 10.50	Ray Murphy, CEng MSc BEng MIEI MEPS, Senior Assistant Chief Fire Officer, Wexford County Fire Service HQ. <i>“What are the success factors of a resilient community ?</i>
10.50 – 11.15	Morning Coffee & Exhibition
11.15 – 11.55	Paul Bussey, RIBA, FIFireE, FIIRSM, RMaPS, Senior Technical Consultant, AHMM <i>“Architects and Fire Engineering – a Partnership”</i>
11.55 – 12.45	William Ward, Associate Director, BB7 <i>“Communicating the Fire Strategy for Effective Delivery”</i>
12.45 – 13.15	Questions and Answers.
13.15 – 14.15	Lunch in dining room
13.45 – 14.15	Tea / Coffee at exhibition
SESSION 2	Sharing Knowledge – Saving Lives
Session Chairperson	Patrick Fleming, Dublin Fire Brigade
14.15 – 14.55	Adam Course, BSc(Hons) MIFireE, Avon Fire and Rescue Service <i>“Fire Fighter Safety – IFE Special Interest Group (SIG)”</i>
14.55 – 15.35	Professor David E. Alexander Professor of Risk and Disaster Reduction at University College London <i>“Managing High-Rise Building Fire Risk – Avoiding Disaster”</i>
15.35 – 15.55	Afternoon Coffee & Exhibition
15.55 – 16.35	David O'Reilly, FIFireE, Association for Specialist Fire Protection Ireland. <i>“Effective Fire Compartmentation Prevents Fire Spread – How is this achieved and who is responsible ?</i>
16.35 – 16.45	Q & A Session Close of Conference
17.30	Branch AGM including 2017 Examinations Awards Ceremony
19.30	Presidents Dinner

Session 1 Chairperson Tom Leonard, Partner, Byrne Ó Cléirigh Consulting.



Peter O'Reilly, County Fire Officer & Chief Executive, Greater Manchester Fire & Rescue Service
Peter originally joined Greater Manchester Fire and Rescue Service (GMFRS) on 1 March 2011 as Director of Prevention and Protection after serving for 21 years with Northern Ireland Fire and Rescue Service. On 1 April 2015 he was appointed to the role of County Fire Officer and Chief Executive and in June 2016 was awarded the Queens Fire Service Medal (QFSM). He served in Belfast for most of his career as a Firefighter, Junior Officer and District Commander, before moving to Ballymena as an Assistant Area Commander. He

became the Area Commander for Northern Area Command in 2009. Currently Peter holds the Strategic Lead role for Health within the Chief Fire Officers Association (CFOA). Successes include the agreement and signing of a Joint Consensus Statement with NHS, PHE, LGA, and Age UK which has resulted in UK Fire Services delivering Safe and Well visits to those most vulnerable in communities. Separately, with the Association of Ambulance Chief Executives (AACE), he has signed a similar statement aligning the strategic intent for support to emergency medical incidents e.g. cardiac arrests. On 15th September 2015 Peter lead GMFRS to become the first Fire Service in the United Kingdom to assist its local ambulance service, by making available all of its firefighters, in responding to cardiac arrests. Since joining Greater Manchester Fire and Rescue Service Peter has overseen the complete restructuring of the Prevention and Protection Directorate and aligned the Service with the Public Service Reform agenda in Greater Manchester. Peter has travelled widely to study, with successes accredited by The University of Ulster, University of Central Lancashire, Warwickshire University and Harvard University.

Ray Murphy, CEng MSc BEng MIEI MEPS, Senior Assistant Chief Fire Officer, Wexford County Fire Service HQ,



Ray Murphy moved to Wexford from Cork County Fire Service in 2006. He studied Engineering at the IT Carlow and the University of Limerick and worked in Mechanical Design and Automation before moving to Fire Safety. Ray proceeded to study Emergency Management in DCU and has worked on community resilience since 2009. He is passionate about understanding community processes and engagement with community leaders at all levels to develop awareness, safety and wellbeing in the community. In his free time Ray loves sailing, fishing and gardening with his family.

Paul Bussey, RIBA, FIFireE, FIIRSM, RMaPS Technical Consultant, Dip. Arch., University of North London, BA Arch., University of Liverpool



Paul studied architecture at the Universities of Liverpool and North London. He has been involved with a very wide range of projects including, educational and leisure facilities, residential developments, many public assembly buildings, transportation and commercial projects, many of which have also been conservation orientated. Paul is a Senior Technical Consultant at AHMM who has worked in architectural practices for over 35 years, on many types and sizes of projects in a variety of roles including job running and contract administration, whilst developing a practice wide technical expertise in the application of all types of building related legislation and constructional guidance. He is a London representative of the in-

house Technical team who research current and best practice technical solutions in regulatory compliance and thereby assist the project teams to meet their statutory and contractual obligations on all projects. Paul has established a track record of assisting professional design teams in delivering outstanding and innovative design solutions whilst still achieving compliance with the increasing burden of legislation and technical guidance that prevails in our modern society. Specialist expertise within the fields of Fire Engineering, Construction Design and Management (CDM) and Accessible Design combined with considerable experience in the interpretation and implementation of Building Regulations, British Standards and Codes of Practice is augmented by his many years of practical architectural design experience on a diverse range of projects and sectors.

Paul is leading the way for the RIBA to embed the role of Principal Designers into everyday architectural practice by his authorship of a book on CDM 2015 and developing and delivering courses for Architectural Principal Designers.



William Ward
Associate Director for and on behalf of BB7

William joined BB7 to lead its business in Ireland and currently runs the Dublin Office. William previously worked for Arup for over 10 years, during which time he worked in the UK for 1 ½ years and then assisted with the setting up of the fire team in the Dublin office. He has in excess of 15 years' experience which has been earned managing fire related projects in Ireland, the UK, Mainland Europe and the Middle East. These projects vary from small to large and from schools to

stadiums and airports. He is a chartered engineer through the Institution of Fire Engineers and the Engineering Council and is a branch council member of the Republic of Ireland Branch of the IFE. William holds an MSc in Fire Engineering which he completed on a part-time basis over a 3 year period in the University of Ulster following an earlier BSc completed in Letterkenny, Co. Donegal. William enjoys speaking at conferences and is a regular lecturer at Trinity College Dublin and Dublin Institute of Technology."

Session 2 Chairperson Patrick Fleming, Dublin Fire Brigade



Adam Course, BSc(Hons) MIFireE

Crew manager Adam Course has been at Avon Fire and Rescue Service for 11 years and has spent time studying fire-fighter fatalities and where possible near misses. He has been part of the branch committee for the IFE Mid-Western Branch since it was reactivated 9 years ago now, holding position of Membership Officer, Events Co-ordinator, and is the current International General Assembly (IGA) Representative & Branch Vice President. Adam was the Leader of the IFE IGA 2016/2017 and has been passionately

pushing the theme of learning from incidents for many years now. Since June 2016 Adam has been on a secondment to a joint venture run by The IFE and National Operational Guidance/National Operational Learning (NOG/NOL) Project being run by the London Fire Brigade. This work involves forming a web based information/learning database where all available UK firefighter fatality and firefighter near miss information can be accessed, shared and learnt from by interested parties (Phase 1). Phase 2 of this project is expected to expand to an international scale project run by the IFE, modelled on the UK version sometime afterwards if UK version is successful. Each country would have its own section of the site to highlight the same firefighter safety events. Phase 3 of the project will enable any incident of interest, not directly linked to firefighter safety, but often with overlapping themes, where mainly multiple member of public/employee fatality related incident information can be accessed and learnt from in one place. The various technical fire safety and fire engineering themes and lessons are expected to be a prominent feature in phase 3. Adam is a RTC & heavy rescue instructor, first aid and trauma care instructor and has worked on projects including operational risk information gathering and pump operator training with the intention of improving operational performance of fire-fighting crews. He holds an honours degree in Environmental Science gained at The University of Plymouth in 2000 and is a Member of the Institution of Fire Engineers.



Professor David E. Alexander, Professor of Risk and Disaster Reduction University College London

David Alexander is Professor of Risk and Disaster Reduction at University College London (UCL). He graduated in geography at the London School of Economics and obtained his PhD in Mediterranean geomorphology from UCL. From 1982 until 2002 he taught geomorphology, physical geography, natural hazards and disaster studies at the University of Massachusetts - Amherst (USA). Over the period 2003-7 he was Scientific Director of the Advanced

School of Civil Protection of the regional government of Lombardy. As a Professor the University of Florence (2005-11) he was a leading member of the team that designed, launched and taught Italy's first Master of Civil Protection course. Alexander is Visiting Professor at the Universities of Bournemouth and Northumbria (UK), Coimbra (Portugal) and Lund (Sweden) and Research Fellow at the Global Risk Forum in Davos, Switzerland. Alexander's book Natural Disasters was published in London and New York in 1993 and has frequently been reprinted. His subsequent books include Confronting Catastrophe (2000), Principles of Emergency Planning and Management (2002), Recovery from Disaster (with Ian Davis, 2015) and How to Write an Emergency Plan (2016). David Alexander is the founder and Editor-in-Chief of Elsevier's International Journal of Disaster Risk Reduction, and was formerly Co-Editor of Disasters journal. He is a member of the editorial boards of 13 academic journals. He is Vice-President and Chairman of the Trustees of the Institute of Civil Protection and Emergency Management, which is the oldest learned society in the field of disaster reduction. In 2013 Alexander won the Distinguished Research Award of the International Society for Integrated Disaster Risk Management (IDRIM).



David O'Reilly, FIFireE, Association for Specialist Fire Protection Ireland.

David O'Reilly has worked in Passive Fire Protection for over 30 years specializing in the specification, installation, management and maintenance of Passive systems. David was instrumental in bringing the Association for Specialist Fire Protection (ASFP) to Ireland in 2010 and sits on the ASFP Management Council. His current role as ASFP Ireland's Operations Officer, involves interaction with regulators, members

and others, developing awareness and providing guidance on the design, installation and maintenance of Passive Fire Protection systems. A member of the Rol IFE Branch Council since 2010, David is a Fellow of the Institution of Fire Engineers (IFE) and represents the branch at the IFE International General Assembly (IGA). He is a member of the NSAI Fire Safety Standards Committee (FSSC) with special interest in Advisory Group 1 (AG1) dealing with Passive Fire Protection. He also represents ASFP Ireland at the European Association for Passive Fire Protection (EAPFP). Working with ASFP and IFE colleagues, David is currently engaged in the development of Passive industry standards, supported by training and certification for all involved in the design and installation process. Recognising that construction industry disciplines tend to work in isolation, the first step is to understand how these disciplines interact. The objective is to provide a clear route to the acquisition of relevant knowledge and the demonstration of appropriate competence at all levels.



The Institution of Fire Engineers
Republic of Ireland Branch



DELEGATE BOOKING FORM
Fire Safety Conference 18th October 2017

DELEGATE DETAILS

(Note: A separate Delegate Booking Form is required for each delegate. This is to facilitate preparation of CPD certificates)

Name:		Mobile Phone:	
Job Title:		Email Address:	
Organisation:		Landline Phone:	
Invoice Address:			
Travelling from:	Ireland <input type="checkbox"/> UK <input type="checkbox"/> Other Country: <input type="text"/>		

Employment Sector: (tick ✓ as appropriate)

Fire service ☐ Fire safety ☐ Health care ☐ Health and safety ☐ Other ☐

Delegate Details: (tick ✓ as appropriate)

Please complete as noted:	Delegate	Reduced fee <small>(Current IFE Republic of Ireland branch members only)</small>	Subtotal Fee
Full conference 18 th October 2017	€245 <input type="checkbox"/>	€75 <input type="checkbox"/>	€
Early booking Fee (before September 28th)	€195 <input type="checkbox"/>	€75 <input type="checkbox"/>	€
Conference Dinner 18 th October 2017 at 7.30pm	€50 <input type="checkbox"/>	€50 <input type="checkbox"/>	€
Total Amount Payable:			€

Conference Pass entitles one person's entry to conference, exhibition, Lunch voucher, tea / coffee and a copy of conference documentation.
(For reduced fee please give current membership number _____).

Payment Details

Please enclose remittance marked payable to "Institution of Fire Engineers"

Paying By: (tick ✓ as appropriate)

Cheque ☐ Electronic Transfer ☐ Bankers Draft ☐ Purchase Order ☐ (Please attach order reference)

For Electronic Transfer please contact us with your completed delegate form and we will provide details of our IBAN code

Authorised Signature: Date:

Please complete and return Delegate Booking Form to:

Conference Secretary

Mr David O'Reilly
47 Glashule Road, Sandycove,
Co. Dublin

Mob: +353 (0)86 2555279
e-mail: conference@ife.ie
web: www.ife.ie

Conference Location:

The Conference is to take place on **Wednesday the 18th October 2017** at the **Carlton Airport Hotel, Old Airport rd., Collinstown. Co. Dublin.** <http://www.carltondublinairport.com>.

The hotel is centrally located just 5 minutes from Dublin Airport and just off the M50 and M1 motorways. The hotel has a regular shuttle bus between it and Dublin Airport Terminal 1 and 2. The hotel has ample free parking available. Accommodation is available by contacting the Hotel directly.

This year's theme challenges us as Facility Managers and users, Fire Safety Practitioners, Designers, Fire Engineers and the Fire Service to review Delivering Fire Safety in Ireland Today. Further information is also available and will be posted on the IFE website www.ife.ie

This Conference has been assessed as providing 6.5 hours CPD Activity, Certificates of attendance will be awarded to all registered delegates. In conjunction with the Conference there will be a fire exhibition, which will feature display stands from some of the foremost fire safety, first aid and fire protection suppliers.