



THE INSTITUTION OF FIRE ENGINEERS
Republic of Ireland Branch

FIRE SAFETY CONFERENCE

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

Tuesday 9th. October 2018

Wednesday 10th. October 2018

**Theme:
Communicating the Fire
Safety Message**



Carlton Airport Hotel, Dublin

Tuesday, 9th. October 2018
Wednesday 10th. October 2018

2018 FIRE SAFETY CONFERENCE



Communicating the Fire Safety Message *Young People & Fire*

PROGRAMME	9 th . October 2018 Day 1: Technical Workshop and Members Forum
9.15 – 9.30	Registration at Carlton Airport Hotel
9.30	Depart for visit to Dublin Airport Fire Service
10.00	Live demonstration on the Airport Fire Service training rig
11.00	Tea / coffee
11.15	Tour of the Airport Fire Station & breathing apparatus training facilities.
11.45	Presentation "Fire Engineered Aspect of T2".
12.30	Visit to Airport Fire Control Room
13.30	Return to Carlton Airport Hotel for lunch & networking
14.30 – 17.30	IFE Members Forum (<i>Republic of Ireland Branch Members only</i>)
18.00	RoI Branch AGM at Carlton Airport Hotel

PROGRAMME	10 th . October 2018 Day 2: Fire Safety Conference
8.30 – 09.20	Registration of Delegates
9.20	Welcome address of Mr. David O'Reilly IFE Branch President
9.25	Launch of Conference
SESSION 1	Reducing Risk & Saving Lives
Session Chairperson	Dr. Trevor Orr, Professor, Trinity College
9.30 – 10.00	Richard Fowler, IFE Board Director & International President Elect "Stay Put"
10.00 - 10.30	Steve Emery, Oxford University Fire Officer & Chair of IFE Heritage SIG "IFE Special Interest Groups and the Work of the Heritage SIG"
10.30 – 11.10	Russ Timpson, Founder and CEO of Horizonscan "Tall Building Fire Safety – Ideas for Managing Risk"
11.10 – 11.30	Morning Coffee & Exhibition
11.30 – 12.10	John Barry, Senior Assistant Fire Advisor, National Directorate for Fire and Emergency Management "Fire Safety in Ireland – the report of the Fire Safety Task Force"
12.10 – 12.50	Peter Holland, IFE Board Director and Life Fellow "Economic & Societal Loss from Fire"
12.50 -13.15	Morning Presentations Discussion – Q & A.
13.15 – 14.15	Lunch at Clouds Restaurant / Coffee at Exhibition
SESSION 2	Understanding the Cause & Effect of Fire
Session Chairperson	TBA
14.15 – 14.55	Sean DeCrane, UL Building & Life Safety Technologies "UL Research Projects Updates: Energy Storage Systems and Fire Fighter Safety Projects"
14.55 – 15.35	Glen Hamilton, SACFO Donegal County Council "Toward Fire Safe Schools: Analysis of human factors"
15.35 – 16.15	Dr. Jurgen Troitzsch, Adjunct Associate Professor, Trinity College Dublin Fire Safety in 2018 - Trends in Regulations, Standardization and Fire Testing
16.15 – 16.45	Afternoon Presentation Discussion – Q & A Chair TBA Close of Conference
19.30	Presidents Dinner



Trevor has spent most of his working life in the Department of Civil, Structural and Environmental Engineering at Trinity College Dublin and is now semi-retired while still working there in an adjunct position. He is director of Trinity College's Fire Safety Practice (Building and Other Structures) postgraduate diploma course which he started 20 years ago with support from Chief Fire Officers' Association. He has been keen to develop expertise in fire safety amongst those involved in the design, construction and management of buildings and other structures. Hence, in the past year he has obtained recognition of this course by the Institution of Fire Engineers for membership. Besides fire engineering, Trevor has other interests and expertise. He is director of the Trinity College Project Management postgraduate diploma course. His main research interests have been in geotechnical engineering, tunnelling and risk and reliability in design. He has published over 100 papers and presented invited lectures in these areas. He is currently member of a CEN committee drafting the next version of Eurocode 7, the European standard for geotechnical design, and is co-author of two books on Eurocode 7.



Richard Fowler, IFE Board Director & International President Elect Richard graduated from the University of Central Lancashire with a BEng(Hons) in Fire Engineering in 2003, and from Anglia Ruskin University in Cambridge with an MSc in Fire Investigation in 2010. He is currently the Assistant Director of Operational Support and Resilience with East Sussex Fire & Rescue Service in the

UK. Richard serves on various committees and working groups with the Chief Fire Officer's Association including the regional and national Business Safety Groups. He also represents CFOA on the national liaison committee for the Work Related Death Protocol, which is led by the HSE. Richard has been a member of the IFE's International General Assembly (IGA) for 12 years now and has always played an active role. He is the Branch Secretary of the South Eastern Branch of the IFE in the UK and is a past president of that branch. Richard has travelled widely and visited IFE branches across the UK and in many countries, including New Zealand, Australia, Malaysia, Hong Kong and Singapore. Richard now brings this experience to the Board of Directors of the IFE as a Trustee and is playing an active part in shaping the future direction of the Institution in its Centenary year. In November 2018 Richard will become the International President of the IFE, having been elected to this prestigious role by the Board a few weeks ago. Richard is a Vice Chairman of the Board and holds the Education portfolio.



Steve Emery GI (Fire)E, Oxford University Fire Officer Steve Emery has been involved with heritage buildings since 1989 when he became the fire officer for Bath in the last 12 years of his 30 year career with Avon Fire Brigade. He was seconded to English Heritage in 2001 as National Fire Adviser and was privileged to take part in the 4 year European fire research programme COST C17, looking at fire safety in heritage buildings. Following 15 years with English Heritage and Historic England, Steve started his

third career as the fire officer for Oxford University, drawn to the job because 40% of their buildings are listed as being of national and international importance. He takes a keen interest in finding ways of protecting heritage buildings from fire, whilst avoiding damage to the things that make them important. He chairs the Institution of Fire Engineers Special Interest Group for Heritage Buildings and has trained 750 people at the very successful 3 day residential salvage course at West Midlands Fire and Rescue Service.



Russ Timpson - founder and CEO of Horizonscan, a company focusing on risk, resilience and client companies readiness for crisis events. Russ began his fire career with Kent Fire Brigade. During this time he completed the Fire Engineering Degree Course at South Bank University. On leaving the Fire Service, Russ took up the position of Head of Safety for Virgin Atlantic Airways, leading a multi-disciplinary team of safety, health and environmental specialists. Highlights included opening new airline routes

to South Africa and the Caribbean. In 1999, he was headhunted by BAA (UK airport operator) to lead the response to the major fire at Terminal 1, Heathrow Airport. In the following five years, he contributed to several major airport construction projects; including the skyway at Gatwick Airport and T5 at Heathrow Airport. Russ was awarded the HSE's award for European Safety and Health at Work achievement 1998 and European Strategic Risk Management Award 2004, International Fire professional of the Year 2015. CIR International Risk Management Award 2017. He now works as a consulting resilience/business continuity advisor to several multinational companies. He is past-president of the UK South East Branch of the Institute of Fire Engineers. He is the inventor of the Crisisboardroom™ concept for management of crisis events. Crisisboardroom™ has been deployed around the World to make businesses more resilient.



John Barry Senior Assistant Fire Adviser, National Directorate for Fire and Emergency Management

John Barry joined Dublin Fire Brigade in 1983, and also served in Cork County Fire Service, before joining the Department of Local Government. He has worked in a number of roles with the Department – including emergency management, fire service training, regulation & standards for hazardous materials, critical incident stress management for fire service personnel, and fire safety standards for buildings. Recently, his significant projects have included the review of Technical Guidance Document B (the guidance for compliance with the fire safety requirements of the Building Regulations) and the work of the Fire Safety Task Force (including review of fire safety in multi-unit social housing, and in medium-to-high rise buildings, as well as preparation of guidance for assessment of cladding systems on existing buildings).



Peter Holland, IFE Board Director and Life Fellow

Peter has been an active member of the Institution for the last 38 years and believes that he is still as enthusiastic now as he has ever been about the IFE's work. Peter believes the IFE is going from strength to strength in every part of the world where there are Branches, resulting in the profession being properly recognized in those countries. IFE qualifications are greatly sought after and Peter will continue his efforts to support IFE growth and increasing the IFE's influence globally. There are many challenges facing the world from fire and Peter believes the IFE is well placed to assist members and society to deal with these issues. Peter has a huge amount of experience at all levels of the Institution which will assist him to continue to play a keen and active part in driving this great profession forward. There are many opportunities despite the economic situation for the IFE to be placed in an even stronger position of influence amongst the fire policy makers globally. There is already great work taking place and Peter views the role of the Board of Directors as a supporting one, facilitating our members to contribute positively. Peter will do everything in his power to promote the Institution at every opportunity

Session 2 Chairperson TBA



Sean DeCrane, UL Building & Life Safety Technologies

Sean DeCrane is a 25+ year veteran of the Cleveland Division of Fire. He has risen through the ranks and currently serves as a Battalion Chief covering Cleveland's Westside. He has served as the Director of Training and Acting Chief of Operations.

Sean has been very involved in fire research at Underwriters Laboratories (UL) and the National Institute of Standards and Technology (NIST). He serves on the UL Fire Council, is a member of the UL Fire Fighter Safety

Research Institute's Advisory Board and is currently on a number of technical panels for research and standards. Chief DeCrane also represents the International Association of Fire Fighters (IAFF) in the International Code Council process and has served on the 2009, 2012, 2105 and 2018 Fire Code Developing Committee and as Chair for 2015 and 2018. Sean serves on the NFPA 1 Technical Advisory Panel, NFPA Research Foundation on Tall Wood Buildings, and was recently appointed as the IAFF alternate to the NFPA Fire Behaviour Research Technical Committee. Sean was recently awarded the 2015 UL Council Member's Achievement Award, 2014 Fire Equipment Manufacturer's Fire Safety Advocate of the Year Award, the 2013 International Association of Fire Chiefs Life Safety Award and the 2012 ICC-IAFC Life Safety Advocate Award. Sean recently was the keynote speaker for the 2015 Fire Department Instructor's Conference.



Glen Hamilton, SACFO Donegal County Council

Glenn has been employed by Donegal County Council since 2003 and currently holds the position of Senior Assistant Chief Fire Officer. His role involves the strategic management of the Fire Prevention programme within the Fire Authority administrative area. He is a technical advisor in the fire safety regulatory process (Fire Safety Certification) for new buildings, providing quality assurance and involved in the development of fire safety policy and risk mitigation strategy. He graduated with a BSc (Hon) in Fire Technology in 2002 and obtained a MSc. in Fire Safety Engineering in 2018. As part of this MSc programme he conducted research on fire safety in schools, focusing on the human behavioural aspect. This comprised of a survey of school staff and the detailed analysis of thirteen evacuation drills from five separate schools. His research obtains the opinions of key stakeholders in the primary school environment and analyses factors that influence pre-evacuation time, evacuation performance, horizontal and vertical travel speeds, specific flow and modelling speed. A portion of the research was presented at the IAFSS Conference in Lund University in 2017 and published in Fire Safety Journal in July 2017. His overall objective is to investigate the current provisions for fire safety in schools and provide empirical data on the evacuation of children, therefore, increasing the understanding of the human behavioural aspects of this vulnerable occupancy group.



Dr. Jurgen Troitzsch

Juergen Troitzsch has over 40 years of experience in fire safety and flame retardants. After obtaining his PhD in chemistry, he worked for 10 years in chemical industry in R&D on flame retardants and fire testing. In 1984, he founded his company Fire and Environment Protection Service (FEPS) that provides international consultancy and scientific expertise related to fire tests, polymers, flame retardants, and the environment. He is active in research projects, standardization, expert opinions, scientific and market studies. He has published numerous articles, reviews and book chapters, organized and led many seminars and conferences. He has presented worldwide more than 250 papers at conferences and is author and editor of the "Plastics Flammability Handbook" to be published in its 4th edition in 2019.



DELEGATE BOOKING FORM
Fire Safety Conference
October 9th. and October 10th. 2018

DELEGATE DETAILS

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

Name :	<input type="text"/>	Mobile Phone:	<input type="text"/>
Job Title:	<input type="text"/>	Email address:	<input type="text"/>
Organisation:	<input type="text"/>	Landline Phone:	<input type="text"/>
Invoice Address :	<input type="text"/>		
<input type="text"/>			

Travelling from : Ireland ☐ UK ☐ Other Country ☐

9th October 2018 : Day 1 : Technical Workshop and Members Forum

Employment Sector (tick✓ as appropriate)

Fire Service ☐ Fire Safety ☐ Health Care ☐ Health and Safety ☐ Other ☐

Delegate Details (tick✓ as appropriate)

Paid up Branch Members/ Booked traders: €30.00 ☐ (includes lunch, tea/coffee, transfers)

Non-members: €50.00 ☐ (includes lunch, tea/coffee, transfers)

Note: All those attending the Airport Fire Service demo must have photo ID on them and will be subject to standard airport check in security prior to entry to the Fire Station

10th October 2018 : Day 2: Fire Safety Conference

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 10 th . October 2018	€245 <input type="checkbox"/>	€75 <input type="checkbox"/>	€
Early booking fee (before September 28 th)	€195 <input type="checkbox"/>	€75 <input type="checkbox"/>	€
Conference Dinner 10 th . October at 7.30	€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

Conference Secretary

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