8th International Tall Building/High Rise Fire Safety Conference



Indianapolis, US | April 15th-17th 2024





Welcome

Welcome to the 8th International Tall Building Fire Safety Conference

RUSS TIMPSON

CONFERENCE DIRECTOR



Welcome to the 8th International Tall Building High Rise Fire Safety Conference programme. We are delighted to bring the conference to Indianapolis in the US, alongside FDIC.

Once again, we have managed to secure a fantastic range of speakers and presenters on a wide variety of high rise fire safety subjects. Case studies, new technology, emerging issues and thought leadership will be covered over the three days. Delegates will be able to network

with colleagues from all over the world. FDIC will provide a fascinating backdrop to the conference and delegates will be able to access the expo arena as part of their delegate fee. Places are limited, so book early to secure your place. We also have sponsor supporter packages for any business/organisation that wishes to promote their brand, etc.

Look forward to seeing you there.

Go High, Go Well

Russ Timpson, Conference Director

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DAY 1

Indianapolis, US Monday, April 15th 2024

Day Sponsor: TBC

Chairperson: Steve Hamm (CEO IFE)

- **07:30** Sponsored breakfast.
- **08:45** Delegate to be seated for conference.

MONDAY, APRIL 15TH 2024

- **08:50** Housekeeping announcement.
- **10:00** Official opening IFE International President Hayley Burgess.
- **10:10** Keynote 1 Frank Leeb: 'Case Study The Bronx Fire 2022'.
- **10:50** Presentation 1 Suzanne Johnson: 'Use of Smoke Hoods in High-Rise Residential Blocks'.
- **11:20** Presentation 2 Jack Murphy: 'If These Walls Could Talk'.
- **11:50** Coffee and networking.
- **12:20** Presentation 3 Dr. Gabrielle Peck: 'Flammability of Modern Facades'.
- **12:50** Presentation 4 Reserved for sponsor.
- **13:20** Break various options for lunch are available. (Note: lunch refreshments are not included in delegate fee).

Chairperson: Sponsor TBC

- **14:00** Keynote 2 Reserved for sponsor
- 14:40 Presentation 5 Jerry Tracy: 'Repurposing Vacant Tall Office Buildings and Spaces'.
- 15:10 Presentation 6 Terin Hopkin: The World of Pressure-Regulating Devices.
- 15:40 Presentation 7 Radek Sikorski: 'The Efficiency of Pressurization Systems During Simultaneous Evacuation'.
- 16:10 Day 1 Debate with expert panel: 'Have Lessons Been Learnt from Grenfell Tower and Bronx Fire Tragedies?'
- 17:00 Conference Day 1 ends.

Book signing with Jerry Tracy and Jack Murphy.

'High Rise Buildings – Understanding the Vertical Challenges'



DAY 2

Indianapolis, US

Tuesday, April 16th 2024

Day Sponsor: TBC

Chairperson: Sean De Crane (IAFF)

- **07:30** Sponsored breakfast.
- **08:45** Delegate to be seated for conference.

TUESDAY, APRIL 16TH 2024

- **08:50** Housekeeping announcement.
- **10:00** Official opening Dr Lori Moore-Merrell, US Fire Administrator.
- **10:10** Keynote 3 Reserved for Headline Sponsor.
- 10:50 Presentation 8 Sharon Halpert: 'Fire Stopping The Hidden Liability and 5 Steps to Reduce Them'.
- 11:20 Presentation 9 Sreenivas Narayanan: 'Façade Fire Testing'.
- **11:50** Coffee and networking.
- **12:20** Presentation 10 Peter McBride: 'Who Has Seen the Wind'.
- **12:50** Presentation 11 Reserved for Sponsor Presentation.
- 13:20 Break various options for lunch are available.

 (Note: lunch refreshments are not included in delegate fee).

Chairperson: John Esposito (FDNY)

- **14:00** Keynote 4 Prof Ed Galea: 'Fire Hazard of Green Walls in High Rise'.
- 14:40 Presentation 12 Russ Timpson: 'The Case for Two Staircases in High Rise'.
- 15:10 Presentation 13 Jimmy Davis: 'When Buildings Fail Us: Lessons Learnt'
- 15:40 Presentation 14 Anthony Kastro: 'Mastering Fireground Command Calm the Chaos for High Rise Fires'.
- **16:10** Day 2 Debate with Expert Panel 'Are We Ready for Green Walls, Tall Timber in High Rise?'
- **17:00** Conference Day 2 closes

Book signing with Russ Timpson.

'A Guide to Fire Safety Management in Tall & High-Rise Buildings'





Crisisboardroom® Kit

- the 'Go To' Kit for Crisis Events

A Fire in **HIGH RISE BUILDING**will be a Crisis for the occupants and the managers of the building

Crisisboardroom Compact Kit (High Rise) provides the tools and guidance to respond to a High Rise Fire and other crisis events. For those tasked with managing the safety and welfare of building occupants. Portable, resilient using tried and tested tools, the Crisisboardroom Compact Kit (High Rise) is a simple way to make high rise buildings more resilint.

Immediate Crisis Impacts for high rise residence after a fire can include:

- Liaison with responding emergency services
- ✓ Welfare needs of evacuated residents and occupiers
- ✓ Medical support for vulnerable occupants
- Commencement of home/living continuity planning
- ✓ Logistical provision for displaced pets
- Security of property
- ✓ Liaison and communication with all stakeholders

Crisisboardrooom Compact Kit will guide you through these crisis challenges





PROFESSOR ED GALEA

Professor ED Galea is the founding director of the Fire Safety Engineering Group (FSEG) of the University of Greenwich in London where he has worked in the area of Computational Fire Engineering (CFE) research since 1986. FSEG are developers of the EXODUS suite of evacuation

software and the SMARTFIRE fire simulation software. He is the author of over 300 academic and professional publications and serves on a number of standards committees concerned with fire and evacuation for organisations such as; IMO, ISO, BSI and the SFPE Task Group on Human Behaviour in Fire.

He also sits on several UK Government committees concerned with civil defence. He has served on several major Inquires and legal cases as an expert in fire and evacuation including: the Paddington Rail Crash, the Swiss Air MD11 crash, the Admiral Duncan Pub bombing and is currently an expert serving on the Grenfell Tower Fire Inquiry. His work is applied to the building, aviation, maritime and rail industries.



JACK J. MURPHY MA

Jack is a retired Fire Marshal/Fmr. Deputy Chief and served as the Deputy Fire Coordinator for the County of Bergen (NJ). He is the past chairman of the Fire and Life Safety Directors Association of Greater New York and an adjunct professor at John Jay College/ Fire Science Institute (NYC).

Currently serves as the principal for eBuilding Intelligence Solutions (BI) that delivers First Responders and Building Owners critical building data for an emergency event. He is a principal member on the NFPA committees: High-Rise Building Safety Advisory Board; 1660 Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery; 1082 Facilities Fire/Life Safety Director Professional Qualifications and the 2800 Facility Emergency Action Plans (EAP). He has developed EAPs and BI solutions for high-rise buildings, sport stadiums, health-care facilities and college campuses

As a Fire Engineering Magazine contributing editor has written many fire service articles and the Handbook for Firefighter I and II Chapter on Pre-Incident Planning. He has co-authored the book High-Rise Buildings: Understanding the Vertical Challenges. In 1997, he was appointed an FDNY Honorary Battalion Chief. He is a member of the Clarion/FDIC Fire and Rescue Advisory Board and was the recipient of the 2012 Fire Engineering Tom Brennan Lifetime Achievement Award.



SUZANNE JOHNSON

Suzanne Johnson is the global product manager for escape hoods at Dräger Safety. She has over 20 years of experience in product management, the last 16 of those with escape hoods. Suzanne earned an MBA from the Nordakademie and holds a Bachelors degree in International Management from Hamline

University. Suzanne is from Minneapolis, Minnesota and resides in Germany.



BRENT BROOKS

Brent Brooks is an international speaker and hands on instructor. Brent teaches HighRise Tactics and large diameter hose movements. Brent is currently a Captain with Toronto Fire Services. His 28 year career with firefighting started at Pearson Airport, with continuing duties at (De Havilland) and

Bombardier Aero Space Crash Fire Rescue teams. He is assigned to Toronto's High Rise Unit. Brent has developed the IMS, training and RND for High Rise Operations. Brent's experience includes serving on numerous committees all related to High Rise Firefighting. He continues to travel the world attending conferences, symposiums, and hands on training. He has spoken on complex building systems, help run the 2019, 2020 Canadian HighRise conference, Started the HighRise Round Table in Toronto, hosted the Toronto & Montreal HighRise Summit and is a member of the Council Of Tall Buildings based out of Chicago. He also represents Canada as a member of the T70 Tall Building Safety Committee based out of London England. Brent shares information with Fire Departments from all over the world and has developed a network with subject matter experts related to High Rise Firefighting. Brent has spoke at Firex, Tall Building Conference in London England and "Makin' The Stretch" Conference Colonial Park, PA. Brent continues his education by attend 4 firefighting conferences yearly and never misses HROC in the USA. Brent presents to numerous Fire Departments. Proud retired member of the Canadian Armed Forces.



RADEK SIKORSKI INTERNATIONAL BUSINESS DEVELOPMENT MANAGER, SMAY VENTILATION SYSTEMS

International Business Development Manager with a background in the design of ventilation and smoke control systems. Responsible for supporting consultants in the development of fire protection

system designs. He has been involved in the design of pressurization systems in many countries in Europe, including the UK.

Graduate of the AGH University of Science and Technology in Cracow, where he studied Energy Engineering and Environmental Engineering, specializing in Industrial Ventilation and Air Conditioning, and of the Warsaw.

University of Technology, where he studied Smoke Extraction Systems: Fire Ventilation. Currently studying International Trade at the SGH Warsaw School of Economics. Member of SiTP and PZIiTS.



DR. JIM GLOCKLING

JIM GLOCKLING is the Technical Consultant to the Fire Protection Association. Originally a Chemical Engineer, he did his PhD in Nuclear Engineering at the UK Atomic Energy Authority before undertaking a post doctorate in fire extinguishing technologies. He has worked as a university lecturer in Chemical

Engineering & Fire Engineering and as a Forensic Fire Investigator. Immediately prior to joining the FPA he was the Associate Director of the Special Projects Group at LPC and then BRE. Jim continues to undertake research into fire protection with his sizeable team of experts with particular emphasis on solving high risk detection / suppression issues and has worked extensively with the ABI, major UK insurers and the MOD.



GERALD 'JERRY' TRACYFDNY BATTALION COMMANDER (RET.).

Chief Tracy retired as the Commander of FDNY Battalion 49, serving 31 years with this department. He was instrumental to refining and improving Policy and Procedures for the FDNY as well as developing numerous training programs. There are several

published articles in Fire Engineering, Fire House magazine and the FDNY/WNYF training publication. He was the catalyst to the research conducted by NIST, UL and NYU Polytechnic Institute. The study and analysis was specific to Smoke Management and Control and to develop a comprehensive understanding of Fire Dynamics in tall and large buildings. Chief Tracy presented the keynote address at the 2007 FDIC conference and was awarded the Fire Engineering "Tom Brennan Lifetime Achievement Award" in 2016. He is a co-author of the book, titled "High Rise Buildings, understanding the Vertical Challenge" printed by Fire Engineering, PennWell Publishing.



SREENIVAS NARAYANAN 'SREENI'

Technical and Compliance Director — MEI + AP, Siderise Insulation.

He has over a decade's experience in sales, business development and new market development, majority of which has been in the field of passive fire protection and working in the fenestration Industry

since 2008. Sreeni has been in the Middle East since 2007 and has a keen understanding of the region, its requirements and regulations. He has worked extensively with AHJ's, contractors, architects and developers in Middle East, India and Asia Pacific, assisting and advising the various stake holders on matters relating standards, testing, code compliance etc. On behalf of Siderise, Sreeni has been instrumental in ensuring successful completion of numerous large-scale system tests relating to external façade assemblies. Sreeni is a regular participant at various façade and fire-safety conferences and frequently delivers presentations on the subject to industry associates.



DR KATHERINE LAMB

MIFireE, MSc (Oxon), BSc (hons)
Dr Katherine Lamb is a respected authority on the training and assessment of Incident Command and crisis decision making. She worked as an accomplished research academic before joining the Fire Service in 2004. During her Fire Service

career, she served in Birmingham, Manchester and Oxfordshire Fire & Rescue Services, her final post was as Station Manager of the incident command training team.

In 2015, on leaving the Fire Service she developed Effective Command, a behavioural marking system for the assessment and recording of incident command competence. This development tool is accredited by several professional bodies and academic institutions and is used to train and assess incident command competence and crisis decision making. It is widely used throughout the international emergency response community for the training of crisis decision makers. In addition, she runs a dedicated Incident command training company which provides SFJ Awards accredited training courses to 32 UK Fire & Rescue services.



RUSS TIMPSON

Russ Timpson is the founder and organiser of the Tall Building Fire Safety Network (TBFSN). Started in 2009 the TBFSN seeks to improve fire safety in the Tall Building Environment. RT is a former RN submariner and firefighter. He is a chartered Fire Engineer.

On leaving the Fire Service, RT took up the position of Head of Safety for Virgin Atlantic Airways, leading a multi-disciplinary team of safety, health and environmental specialists. RT was part of the response team that managed the crash-landing incident at Heathrow in 1999.

In 2000, RT 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, RT contributed to several major airport construction projects; including the skyway at Gatwick Airport and T5 at Heathrow Airport.

RT 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. In 2020. RT was judged to be in the top 10 influencers in the UK for fire safety: https://www.ifsecglobal.com/ifsec-global-security-fire-influencers/ifsec-global-influencers-in-security-and-fire-2020/

RT now works as a consulting resilience engineer. Currently promoting the use of the 'Fire Mark' concept to improved occupant awareness of fire safety in buildings. He is the inventor of the CrisisboardroomTM concept for management of crisis events. CrisisboardroomTM has been deployed around the World to make businesses more resilient.

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PETER MCBRIDE

Chief McBride, retired Division Chief of Safety and Innovation, having served 31 years with the Ottawa Fire Service. Peter currently serves as a SFPE National Capital Region Chapter Director and Technical Committee member of NFPA 1700 Standard — Guide For Structural Fire Fighting. Previously, Peter served

as Project Technical Panel Member for Fire Fighting Tactics Under Wind Driven Conditions and Positive Pressure Ventilation in Large Structures: High-Rise Experiments — NIST Report # 7468. McBride has a passion for sharing ideas and seeking insights from others. Throughout his professional development, Peter has sought to expand the understanding of firefighting wherein the word FIRE means: Fire Fighting (anticipation, prevention, intervention and recovery), Instruction (public through to graduate level education), Research (material science, assemblies, full scale testing and fire operations) and Engineering (solutions, enhancements, advancements and innovations). Peter regularly presents and advocates for fire safety arts and sciences in Canada, the United States and Europe.



DR GABRIELLE PECK

Dr Gabrielle Peck completed her PhD in Chemistry, specialising in fire chemistry and smoke toxicity. Her recent work has been focused on designing and conducting novel large-scale fire tests. Her research provided the EU with the information and test methodologies required to aid the regulation of smoke

toxicity within the Construction Product Regulations.

She has worked extensively on designing and creating her own novel fire testing equipment for the analysis of smoke toxicity for use in large-scale fire analysis, as well as equipment to quantify the fire condition within a test. Her work has also included the design and programming of novel software for her test equipment(s), as well as for data analysis.

She was also part of a team conducting large-scale fire tests investigating the smoke toxicity of rainscreen facades following the Grenfell tower disaster in 2017. Her work was utilized in persuading the government to ban combustible facades on tall buildings. Throughout her career, she has also worked closely with Fire Safe Europe and was part of a smoke toxicity working group within the EU. She produced the original working documents providing information surrounding smoke toxicity testing methods for FSEU board members, further contributing to the progress of regulating smoke toxicity in the EU.

She also worked on the development of creating commercially available fire testing technologies and the associated software with Concept Equipment UK to commercialise bench-scale smoke toxicity test methods, and provided revised methodologies required to transition technical standards to full ISO standard status for bench-scale fire testing apparatus.

Her work has also had particular focus on predictive modelling of flammability and smoke toxicity of materials based on identification of the molecular composition of a material. Additionally, she has ran training seminars for Fire Safe Europe educating fire engineers and those involved in fire safety on the concept of smoke toxicity and understanding the chemistry of fire.



GERARD MANN

Gerard Mann is a Leading Firefighter with Fire Rescue Victoria, Australia. Having filled various training and operational roles over his 10-year career, LFF Mann moved into policy, planning and operational guidance directorate to produce new SOP's around structural and high rise firefighting.

Bringing his extensive structural firefighting knowledge and research skills, LFF Gerard Mann formed an integral part of FRV's planning policy and operational guidance team. Collaborating with internal stakeholders and external fire experts FRV's PPOG team was able to produce new doctrine based upon empirical research and worlds best practice, taking into account environmental and organisational factors.



JIMMY DAVIS

James 'Jimmy' Davis is a captain and 29-year veteran of the Chicago (IL) Fire Department assigned to Engine Co. 43 serving Logan Square. He teaches regularly at the Chicago Fire Department R.J. Quinn Fire Academy on a variety of subjects, including the department's high-rise and standpipe programs. He

instructs both nationally and internationally on many subjects relating to high-rise firefighting strategies and life-safety concerns.



SEAN DECRANE

Sean DeCrane is the Director, Fire Fighter Health and Safety Operational Services for the International Association of Fire Fighters based in Washington, DC. Prior to assuming his current role, Sean was a Research Engineer Associate for UL Solutions focused on developing strategic planning, project

prioritization and implementation for the UL Fire Research and Development Team while assigned to the Principal Engineers Team for UL's Built Environment COU where he was responsible for engaging with various industry organizations with a focus on the international fire service including Asia, Australia, Europe, and the United Kingdom. Sean served as a 25+ year veteran of the Cleveland Division of Fire, where he held various roles including Director of Training and Chief of Operations.



ANTHONY CASTROS

Battalion Chief Anthony (Andoni) Kastros is began his fire service career in 1987, retiring from Sacramento Metro Fire District in 2019. He is the author of the Fire Engineering book and video series, Mastering the Fire Service Assessment Center — 2ndEdition. It is used widely throughout the United

States for officer development. Also, from Fire Engineering, Anthony authors the 3-part video series Mastering Fireground Command — Calm the Chaos! This series focuses on fireground strategy, tactics, and ICS using actual incidents, video, and simulations. The textbook will be launched at FDIC 2024.

Kastros is an FDIC-International and Firehouse World instructor, was the Keynote Speaker at FDIC 2013 and is the recipient of the 2019 George D. Post Instructor of the Year Award from the International Society of Fire Service Instructors and Fire Engineering. Anthony hosts The Command Show, a monthly blog radio show through Fire Engineering. As a USAR Team Manager with Sacramento Task Force 7, he deployed to Ground Zero on 9/11. Anthony spent 4 years with a Type 1 Incident Management Team.

Through Trainfirefighters.com, our cadre of instructors has taught thousands of firefighters from around the world in leadership, team building, officer development, command, tactics, strategic planning, labor relations, and mergers. Anthony's faith and family are the most important things in his life.



TERIN HOPKINS

Terin is currently the Public Fire Protection Specialist in Codes, Standards, Public Fire Protection and Training Department, for the National Fire Sprinkler Association (NFSA), headquartered in Baltimore, Maryland. Terin has 34 years in public safety, beginning his public safety career in 1981 as

a Volunteer Firefighter/EMT and then serving 25 years with the Prince George's County Maryland Fire/EMS Department, retiring in 2009. He then went to work for the Howard County Department of Fire Rescue Service, Office of the Fire Marshal. In 2018 he was hired as the Mid-Atlantic Field Service Coordinator with NFSA. Terin is currently the Public Fire Protection Specialist at NFSA and represents NFSA on several technical committees including, NFPA 1 'Fire Code', NFPA 14 'Standard for the Installation of Standpipes and Hose Systems', UL 47 Standpipe Equipment Technical Committee and the eight fire service training standards covered by NFPA 13E 'Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems'.



MICHAEL REICK
PROF. DR.-ING.; REGIONAL FIRE DIRECTOR

Michael is a regional director for the fire service in Göppingen, Germany. As an active fire chief and with his background in fire safety engineering and science he is especially interested in the interaction between these disciplines - the interconnection

between fire safety and fire fighting. As the representative for the German Fire Brigade Association he works in numerous working groups for fire safety in the built environment.

In his post-doc study in 2004 Michael researched the fundamentals of stairway protection regarding smoke spread while firefighters stretch hoses and force doors. His basis is the knowledge of fire dynamics and fire ventilation combined with fire fighting skills based on fireground experience and live fire training. With two decades of experience and research in this basic contradiction he contributes to improve policies of fire services — especially with the invention of the portable smoke blocking device and the implementation in standard operational procedures of fire services all over Europe and also worldwide.



DR LORI MOORE-MERRELLDRPH, MPH U.S. FIRE ADMINISTRATOR U.S. FIRE ADMINISTRATOR

Dr. Lori Moore-Merrell was appointed by President Joseph Biden as the U.S. Fire Administrator on October 25, 2021. Prior to her appointment, Lori served nearly 3 years as the President and CEO of

the International Public Safety Data Institute (IPSDI), which she founded after retiring from a 26-year tenure as a senior executive in the International Association of Fire Fighters (IAFF). She began her fire service career in 1987 as a fire department paramedic in the City of Memphis Fire Department, Memphis Tennessee. Lori is a Doctor of Public Health and data scientist, whose work has changed fire and EMS deployment throughout the world. As the principal investigator and senior project manager, she oversaw the development of landmark reports and other tools to improve residential and high-rise fireground operations, community risk assessment, fire and EMS resource deployment, and "Big Data Analytics". She recently launched the Fire Service One Voice initiative where leaders from across the nation stand together and speak with one voice to address the fire problem in America and the health and safety challenges facing firefighters. She has been described as a passionate leader and champion for the men and women of the fire service both in the United States and around the world and her work continues to influence executive decision-making across the fire service. Without a doubt, her passion matches her action!



STEVE HAMM
MSC BENG(HONS) CENG FIFIREE - CEO

In his role as CEO of the IFE, Steve is committed to ensuring the organisation continues to evolve to meet the future needs of its members. From leading change from within to nurturing collaboration across the global fire industry, his focus is on driving

the IFE's mission to advance and improve the knowledge, practice and recognition of all fire professionals, to enable an increasingly fire safe world.

Steve has been an active member of the IFE throughout his career serving as a past Chair of the IFE board of directors, a former International President as well as being involved in many IFE professional standards committees. He has served on the committee of the London branch for many years.

Steve brings more than 25 years' experience in the Fire and Rescue Service, serving in operations, fire safety and training in both county and metropolitan areas. His last appointment was as Assistant Commissioner with the London Fire Brigade. Steve then became Head of London resilience and led the coordination of the London Resilience Partnership.

Steve is a qualified Chartered Engineer. He holds a BEng(Hons) from the University of Central Lancashire and an MSc from the University of London, together with a post-graduate qualification in strategic leadership from the University of Warwick. He completed six year's in the Royal Air Force at the start of his career.

How to Book

Ways to book your place at the 8th International Tall Building Fire Safety Conference 15th—17th April 2024.

Tickets can only be purchased for the conference via the booking platform: 8th International High Rise/Tall Building Fire Safety Conference | **Bookitbee** (Click here or scan the QR Code below)

DISCOUNTED TICKETS:

EARLY BIRD Discounted Tickets

(limited number)

Available via the booking platform by using the discount code:

TALLEARLYBIRD

SERVING FIREFIGHTER Discounted Tickets

(limited number and proof of service required)

Available via the booking platform by using the discount code:

TALLFIRFIGHTER

Delegates can benefit from discounted rates at LOCAL HOTELS.

When you book your delegate place you will be given a link and code to book your hotel rooms.

Notes:

- All delegates will receive detailed joining instructions in 2024 following booking.
- Dress code for the conference will be business casual.
- The conference will adopt covid procedures that are recommended and appropriate at the time/ date of delivery.
- The conference fee does not include lunchtime refreshments. There are several lunch options available nearby.
- The conference organisers reserve the right to change the programme/speakers lineup at short notice (due to non-attendance of agreed speakers).

