

**Fire Sprinkler International 2024  
Conference Programme, 24-25 April**  
*Protecting society from fire*



**Wednesday, 24<sup>th</sup> April**

07:30-09:00 Registration Desk Open

09:00-09:15 Welcoming Remarks

**Welcome from the Chair of the Plenary Session**

*Alan Brinson, Executive Director of the European Fire Sprinkler Network*

**Welcome from the city of Dublin**

*Dennis Keeley, Chief Fire Officer, Dublin City Council*

09:15-10:45 Keynote Speakers

**References to sprinklers in Irish Technical Guidance Document B**

*Claire Whelton, Cork City Fire Department, Ireland*

**An overview of the Irish sprinkler market**

*Ted Wright, Writech, Ireland*

**A silver anniversary for the International Fire Suppression Alliance**

*Mike Bosma & Mark Fessenden, IFSA, USA*

10:45-11:15 Break

11:15-12:45 Session 1 – Plenary – The End User View

**The Marriott position on sprinklers and water mist**

*Armin Wolski, Marriott International, Germany*

**Sprinkler protection of Amazon fulfilment centres**

*Matt Broadfoot, Amazon, UK*

**Striving for property protection – the client, broker and insurer relationship**

*Mark Middleton, Lockton Companies, UK*

## Wednesday, 24<sup>th</sup> April continued

12:45-14:00 Lunch

14:00-15:30 Session 2

### Sustainability

Chair – Alfredo Álvarez, EFSN

#### **Environmental, Social and Governance (ESG) – some practical examples**

*Chris Gill, Viking, Luxemburg & Juan Zamarrón, Engineered Fire Piping, Spain*

#### **Alternative fuels for sprinkler pump drivers**

*John Blackwood, Clarke Fire, UK*

#### **Corrosion and its effect on sprinkler system hydraulics**

*Wim van Bijsterveldt, KIWA, Netherlands*

### Storage

Chair – John van Lierop, EFSN

#### **Performance-based design solutions for retail and ASRS applications**

*Manny Silva, Johnson Controls, USA*

#### **TL-ASRS research update – simplified DS 8-34 recommendations for solid-walled and non-fire-propagating containers**

*Wes Baker & Ben Ditch, FM Global, USA*

#### **Cold storage warehouses: sprinkler system design considerations, options and challenges**

*Phil Gunning, Victaulic, USA*

### Foam

Chair – Björn Schaumburg, EFSN

#### **Foam systems in NFPA 409 Standard on Aircraft Hangars**

*John Frank, AXAXL, USA*

#### **Successful transition planning for your fluorinated foam system**

*Paul Southwood, Viking, UK*

#### **How are SFFFs addressed by test and design standards, such as EN and NFPA?**

*Gerard Visser, Johnson Controls, Netherlands*

15:30-16:00 Break

16:00-17:30 Session 3

### Standards I

Chair – Björn Schaumburg, EFSN

#### **An insight to the future EN 12845-2 with some worked examples**

*Ludger Tegeler, FM Global, Germany & Stuart Lloyd, Zurich Insurance, UK*

#### **EN 12845-3 – Guidance for earthquake bracing of sprinkler systems**

*Gaetano Coppola, Jensen Hughes, Italy*

### Residential Sprinklers

Chair – John van Lierop, EFSN

#### **Irish experience with residential sprinklers**

*Colin Walsh, Jones Engineering, Ireland & David Byrne, National Sprinkler, Ireland*

#### **First high-rise residential retrofit in France**

*Brice Franc, SPK Engineering, France*

#### **Sprinklers to enable construction with wood**

*Johan Hoogeweg, DGMR, The Netherlands*

### Applications

Chair – Piotr Tofito, POLIG

#### **Automatic sprinkler protection for titanium additive manufacturing powder storage**

*Stanislav Kostka & John LeBlanc, FM Global, USA*

#### **Methodology and documentation for the planning and execution of work in cleanrooms**

*Keith Brennan, Intel, Ireland*

#### **Delivering complex projects**

*Simon Rooks, Hall & Kay Fire Protection, UK*

17:30-20:30 Reception & Networking Event – Croke Park

## Thursday, 25<sup>th</sup> April

09:00 Announcements

### **Chair of the Plenary Session**

*Jan Witte, Minimax, Germany*

09:00-09:10 International Fire Prevention Day

*Carlos Morett, LATAM, Mexico*

09:10-10:30 Session 4 – Plenary – Performance

### **Update on suppression research from the Research Foundation**

*Amanda Kimbal, Fire Protection Research Foundation, USA*

### **Emerging risks and their impact on fire safety**

*Professor Jim Glockling, Glockling Consulting, UK*

10:30-11:00 Break

11:00-12:30 Session 5

### Renewable Energy Protection

Chair – Youcef Ouammou, EFSN

### **German fire protection requirements for renewable energy systems**

*Knut Czepuck, Ministry of Regional Identity, Local Government, Building and Digitalisation of the State of North Rhine Westphalia, Germany*

### **Lithium-ion battery large-scale fire testing**

*Phil Friday, Reliable Sprinkler Company, USA*

### **Lithium-ion battery manufacturing and storage – understanding manufacturing hazards and storage fire protection approaches**

*Stephanie Thomas & Benjamin Ditch, FM Global, USA*

### Quality Assurance

Chair – Alfredo Álvarez, EFSN

### **Training and formal qualifications for sprinkler system designers and installers**

*Alisdair Perry & Ruth Oliver, BAFSA, UK*

### **The revised LPS 1048 sprinkler installer accreditation scheme**

*David Ferguson, BRE & Alan Crichton, BAFSA, UK*

### **Quality issues with water mist systems in heritage buildings**

*Magnus Arvidson, RISE & Bo Hjorth, Albacon, Sweden*

### Water Mist

Chair – Bettina McDowell, IWMA

### **Update on the EN 14972 series and an example of OH3 testing to EN 14972-2**

*Hans Schipper, Johnson Controls, Netherlands*

### **Water mist testing for car parks**

*David Bell, Viking, UK*

### **Limits of application of test protocols**

*Ryan Conaghan, Marioff, UK*

12:30-13:45 Lunch

## Thursday, 25<sup>th</sup> April continued

13:45-15:15 Session 6

### Inspection and Remote Services

Chair – Alasdair Perry, BAFSA

#### **Cyber security and fire protection**

*Sebastian Brose, VdS, Germany*

#### **A performance-based approach to automated inspection and testing**

*Jason Webb, Potter Electric, USA*

#### **Management of a large sprinkler network for inspection, testing and maintenance**

*Keith Brennan, Intel, Ireland*

### Standards II

Chair – Youcef Ouammou, EFSN

#### **Changes to NFPA 13, 2025 edition**

*Bob Caputo, AFSA, USA*

#### **Evaluating and protecting liquids that burn: understanding the hazards and paths to providing protection**

*John LeBlanc, FM Global, USA*

#### **An introduction to European pump standards**

*Simon Bird, Fixed Fire-Fighting Systems  
Bureau & Sarah Colwell, BRE Global, UK*

### Design Innovations

Chair – Piotr Tofito, POLIG

#### **Warm water circulation in areas subject to freezing**

*Hervé Roché, Equans, France*

#### **Experiments to justify a reduced landing valve design pressure**

*Gökhan Balik & Duhan Portakal, Etik Mühendislik,  
Turkey*

#### **Hybrid fire extinguishing system**

*Daniel Wake, Victaulic, USA*

15:15-15:45 Break

15:45-17:00 Session 7 – Plenary

### **Chair of the Plenary Session**

*Alan Brinson, EFSN, UK*

### **Dutch fire brigade tactics in sprinklered buildings**

*Joost Ebus & Arjen Barreveld, Netherlands Institute for Public Safety*

### **How to develop the sprinkler market**

*Mike Bosma, IFSA, USA, Luciano Nigro, Jensen Hughes, Italy, Alasdair Perry, BAFSA, UK & John van Lierop, VSI, The Netherlands*

### **Closing Remarks**

*Volker Bechtloff, EFSN Chairman*

19:30 Optional Gala Dinner – Guinness Storehouse