

Fire Sprinkler International 2022 Conference Programme, 31 May – 1 June *Protecting society from fire*

Tuesday, 31st May

07:30-09:00 Registration Desk Open

09:00-09:15 Welcoming Remarks

Welcome and Introduction to the Plenary Chair

Keith MacGillivray, CEO of BAFSA

Welcome from the Plenary Chair

Volker Bechtloff, Chairman of the European Fire Sprinkler Network

Welcome from the United Kingdom

Lord Berkeley

09:15-10:30 The Future of Regulation

London policy on sprinklers

Paul Jennings, Assistant Commissioner for Fire Safety, London Fire Brigade

Regulatory trends and challenges in the use of suppression

National regulators

10:30-11:00 Break

11:00-12:30 Session 1 – Plenary

State of the global industry and sprinkler advocacy

Paul Sincaglia and Russ Fleming, IFSA, USA

Smart sprinkler systems to save water

Yibing Xin, FM Global, USA

Too tall, too dense

Stuart Lloyd, Zurich Insurance, UK

Tuesday, 31st May continued

12:30-13:45 Lunch

13:45-15:15 Session 2

Automatic Storage Retrieval Systems

Chair – Alan Crichton, BAFSA

In-rack sprinkler protection of shuttle systems

Johannes Zimmermann, SSI-Schäfer, Germany

Fire protection and manual firefighting for the AutoStore system

Ingunn Haraldseid, AutoStore, Norway

Protecting ASRS using the latest guidance in FMDS 8-34

Wes Baker, FM Global & Steven Wolin, Reliable, USA

Residential Fire Protection

Chair – Alan Brinson, EFSN

French guidance on the use of sprinklers to protect wooden apartment buildings

Daniel Joyeux, Efectis, France

Lessons learned from residential retrofits

Shayne Parker, Domestic Sprinklers, UK

Innovative suppression – implications for the industry

William Makant, Plumis, UK

Testing and Installations

Chair – François Asselman, BFSN

Mitigation of labour risks through manufacturer involvement

Graeme Leonard, Victaulic, UK

CE-Marking through the EOTA route

Witali Engelhardt, FM Approvals, Germany

Fast connection system for sprinklers

Philippe Kibler, AAI, France

15:15-15:45 Break

15:45-17:15 Session 3

Sprinkler Applications

Chair – John van Lierop, EFSN

Big beats flow – fire protection in road tunnels with big droplets

Henrik Johansson, Johnson Controls, Sweden

Protection of waste recycling centres

Youcef Ouammou, EFSN, France

The development of a sprinkler system concept for maritime vehicle carriers

Magnus Arvidson, RISE, Sweden

Performance-Based Design

Chair – Stewart Kidd, BAFSA

Protection of glass façades with sprinklers

Piotr Tofito, Main School of Fire Service, Poland

Sprinkler protection as a boundary condition for a stay-in-place concept

Ruud van Herpen, Eindhoven University of Technology, Netherlands

Fire incident data – a data rich world?

Tom Roche, FM Global, UK

Water Mist in Application

Chair – Bettina McDowell, IWMA

Water mist in high-rise buildings – how to meet codes and standards requirements

Francisco Garcia, Marioff, Finland

Quality assurance with water mist systems

Simon Bird, Fixed Fire-Fighting Systems Bureau, UK & Johan Hoogeweg, DGMR, Netherlands

The insurers' view of successful water mist applications

Gary Howe, Zurich Insurance, UK

17:30-20:30 Reception & Networking Event – Park Plaza London Riverbank

Wednesday, 1st June

09:00 Announcements
Chair of the Plenary Session
Jan Witte, Minimax, Germany

09:00-10:30 Session 4 – Plenary
Protection of global composite intermediate bulk containers
Nicolas Locht, ELEN Risk Consulting, France
Update on suppression research from the Research Foundation
Amanda Kimbal, Fire Protection Research Foundation, USA
UL requirements for anti-freeze solutions for use in fire sprinkler systems
Jeff Hebenstreit, Underwriters Laboratories, USA

10:30-11:00 Break

11:00-12:30 Session 5

<u>Applications</u>	<u>Standards I</u>	<u>Corrosion and long-term performance</u>
Chair – Piotr Tofiło, POLIG	Chair – Björn Schaumburg, EFSN	Chair – Alfredo Álvarez, EFSN
An optimised sprinkler system for car parks <i>Alex Palau, Minimax Viking, Spain</i>	NFPA 13 update <i>Bo Hjorth, Albacon, Sweden</i>	Sprinkler Integrity Test and First Responder Sprinkler <i>Henk Jan Kooijmans & Jeffrey Hoppenbrouwers, Unica, Netherlands</i>
Sprinkler systems to protect the world’s largest particle physics installations <i>Anna Suwalska, CERN, Switzerland</i>	Revision of EN 12845 <i>Karim Karzazi, AXA XL Risk Consultants, France</i>	Corrosion protection with polymer-enhanced pipe <i>Chris Gill, Viking, Luxemburg</i>
Automatic supervision and testing of sprinkler systems <i>Arjan ten Broeke, Johnson Controls, Netherlands</i>	FM Data Sheet changes <i>Allan Macpherson, FM Global, UK</i>	Hydrogen in sprinkler systems – experience from a field study <i>Jan Nikola, VdS, Germany</i>

12:30-13:45 Lunch

Wednesday, 1st June, continued

13:45-15:15

Session 6

Standards II

Chair – Alan Crichton, BAFSA

An update on CEN water mist standards

Alex Palau, Minimax Viking, Spain

Progress with European sprinkler pump standards

Simon Bird, BRE Global, UK

Nine sprinkler ESFR design concept

Wes Baker, FM Global, USA

Environmental Aspects

Chair – Björn Schaumburg, EFSN

Regulatory restrictions on foam concentrates, research on alternatives

Eike Peltzer, E.P. Fire, Germany

Challenges of synthetic fluorine-free foam in sprinkler systems

Simon Barratt, Viking, UK

Measures to reduce the environmental impact of sprinkler systems

John van Lierop, VSI, Netherlands

Cultural Heritage

Chair – Bettina McDowell, IWMA

25-year testing in a heritage building

Stewart Kidd, BAFSA, UK

Cultural heritage protection with water mist

Rüdiger Kopp, Fogtec, Germany

Water mist cultural heritage case study – Museum Leonardo da Vinci, Milan

Gaetano Coppola, Jensen Hughes, Italy

15:15-15:45

Break

15:45-17:00

Session 7 – Plenary

Chair of the Plenary Session

Keith MacGillivray, BAFSA, UK

Latest research learning on emerging risks

Ben Ditch, FM Global, USA

Panel discussion – what's on the horizon?

Volker Bechtloff, Minimax Viking, Germany; Laurens Swennenhuis, JCI, Netherlands; Paul Sincaglia, IFSA, USA & Alan Brinson, EFSN, UK

Closing Remarks

Keith MacGillivray, BAFSA

19:00

Optional Gala Dinner