

Fire Sprinkler International 2023
Conference Programme, 31 May-1 June
Protecting society from fire



Wednesday, 31st May

07:30-09:00 Registration Desk Open

09:00-09:15 Welcoming Remarks

Welcome and Introduction to the Plenary Chair

Boele Staal, Chairman of Federatie Veilig Nederland

Welcome from the Chair of the Plenary Session

Volker Bechtloff, Chairman of the European Fire Sprinkler Network

Welcome from the city of Amsterdam

Tijs van Lieshout, Chairman of the Association of Dutch Fire Brigades

09:15-10:30 Keynote Speakers

Update on suppression research from the Research Foundation

Victoria Hutchison, Fire Protection Research Foundation, USA

CE-marking under the current and future Construction Products Regulation

Oscar Nieto, European Commission, Belgium

10:30-11:00 Break

11:00-12:30 Session 1 – Plenary – Sustainability

Environmental, Social and Governance (ESG) – how suppression can improve a company's ESG profile

Chris Gill, Viking, Luxemburg

Introduction to fire safety in timber buildings

Carl Pettersson, RED Fire Engineers, Sweden

Battery power supply and energy storage for sprinkler pumps

Raycko van Hummel, Boele Fire Protection, Netherlands

Wednesday, 31st May continued

12:30-13:45 Lunch

13:45-15:15 Session 2

Cultural Heritage

Chair – Alfredo Álvarez, EFSN

The need for fire suppression in cultural heritage buildings – an end user view

Bob Bantock, National Trust, UK

Practical considerations around suppression systems in cultural heritage buildings

Rene van Essen, Deventer Local Council, Netherlands

Water mist and heritage buildings, Case studies from The Netherlands

Jean-Paul Lamers, Firex, The Netherlands

Performance-Based Solutions

Chair – John van Lierop, EFSN

Why sprinkler protection is necessary in residential exposed CLT-construction

Ruud van Herpen, Eindhoven University of Technology, Netherlands

How to determine the right fire strategy to effectively protect mass timber buildings?

Marc Espieux, RiskCare, France

Equivalent solution with sprinklers and ventilation for Dutch smoke compartments

Mirre Veerman & Peter Boll, Royal Haskoning DHV, Netherlands

Foam

Chair – Björn Schaumburg, EFSN

Sprinkler systems with fluorine-free foam: testing the limits of performance

John Ottesen, Fomtec, Norway

How PFAS legislation will affect your foam system designs

Simon Barratt, Viking, UK

Application of non-fluorinated foam in new and existing systems for aviation, POG and large storage tank protection

Gerard Visser, Johnson Controls, Netherlands

15:15-15:45 Break

15:45-17:15 Session 3

Lithium-Ion Fire Protection

Chair – Ritchie O'Connell, BAFSA

Energy transition but safely

Hans Sevenstern, Marsh, Netherlands

Drencher fire tests on electric vehicles

Magnus Arvidson, RISE, Sweden

Li-ion battery fire tests within SUVEREN

Rüdiger Kopp, Fogtec, Germany

Residential Sprinklers

Chair – Brice Franc, SPK Engineering

Benefits of sprinklers for a stay-in-place strategy

Lieuwe de Witte, NIPV, Netherlands

UK experience with residential sprinklers

Ritchie O'Connell, BAFSA, UK

Practical issues with protection of a high-rise residential building

Johan Hoogeweg, DGMR, & Alex Zomer, Aqua+ Sprinkler Systems, Netherlands

Water Mist

Chair – Bettina McDowell, IWMA

Update on water mist standards

Alex Palau, MinimaxViking, Spain

Water mist building protection in accordance with EN 14972

Hans Schipper, Johnson Controls, Netherlands

Applications and attributes of electronically controlled water mist nozzles

William Makant, Plumis, UK

17:30-20:30 Reception & Networking Event – RAI Amsterdam

Thursday, 1st June

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

09:00-10:30 Session 4 – Plenary – Performance and Quality
A practical sprinkler procedure for the fire service
Joost Ebus & Ricardo Weewer, Netherlands Institute for Public Safety, Netherlands
Effects of smoke vents on sprinkler system performance – investigation through large-scale testing and CFD modelling
Wes Baker & Yogish Gopala, FM Global, USA
How equivalent solutions created the Dutch sprinkler market
John van Lierop, EFSN, Netherlands

10:30-11:00 Break

11:00-12:30	<u>Session 5</u> <u>Revision of EN 12845-1</u> Chair – Björn Schaumburg, EFSN <i>Karim Karzazi, AXA XL Risk Consultants, France</i> & Ludger Tegeler, FM Global, Germany	<u>Quality Assurance & Corrosion</u> Chair – John van Lierop, EFSN The Dutch approach to quality assurance <i>Willem van Oppen, Het CCV & Ron de Bruijn, Riskonet, Netherlands</i> VdS analysis of 25-year inspections of sprinkler systems <i>Marcel Ruesink, VdS, Netherlands</i> New insights on corrosion prevention in sprinkler and water mist systems <i>Mascha van Hofweegen, KWA, Netherlands</i>	<u>Storage</u> Chair – Piotr Tofito, POLIG Roll Paper 1 protection requirements – Changes to FM Global data sheet 8-21, Roll Paper Storage <i>Yogish Gopala & Brent Wunderlich, FM Global, USA</i> Latest fire tests on open-top combustible containers <i>Wes Baker & Dong Han, FM Global, USA</i> Cold storage fire protection solutions <i>Arjan ten Broeke, Johnson Controls, Netherlands</i>
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12:30-13:45 Lunch

Thursday, 1st June continued

13:45-15:15

Session 6

Sprinklers and Connected Services

Chair – Alan Brinson, EFSN

Remote testing and inspection standard, with a live demonstration

Jan Witte, Minimax, Germany

Panel discussion – How can modern sensor technology improve reliability and add value to the end user?

Matthijs Vast, Aqua+ Sprinkler Systems, Netherlands, Travis Montembeault, Peerless Pump, USA & Brian Gjerstrup, SprinklerView, Denmark

Standards

Chair – Youcef Ouammou, EFSN

An update on NFPA 13

Bob Caputo, AFSA, USA

Different sprinkler densities for different building heights in non-storage occupancies – FM Global data sheet 3-26 criteria

Wes Baker & Yibing Xin, FM Global, USA

Applications

Chair – Piotr Tofito, POLIG

Turbine protection to FMDS 7-101

Jan Weimann, Minimax & Ludger Tegeler, FM Global, Germany

Fire protection of data centres

Aleksandra Andrzejczyk, Royal Haskoning DHV, Netherlands

Fire suppression systems for a cable manufacturing facility

Kunsulu Bekish & Omer Sunda Un, Jensen Hughes, Belgium

15:15-15:45

Break

15:45-17:00

Session 7 – Plenary

Chair of the Plenary Session

Alan Brinson, EFSN, UK

Panel discussion – Why do insurers impose differing requirements for apparently similar projects?

Stuart Lloyd, Zurich, UK, Steven Plummer, FM Global, Netherlands, Tom Pedersen, IKEA, Sweden & Graeme Leonard, Victaulic, UK

IFSA and its mission to globally develop the water-based fire suppression market

Bodo Müller, International Fire Suppression Alliance, Germany

Closing Remarks

Volker Bechtloff, EFSN Chairman

19:00

Optional Gala Dinner – Koepelkerk