

**Fire Sprinkler International 2020
Conference Programme, 6-7 May
*Protecting society from fire***

Tuesday, 5th May

15:00-19:00 Registration Desk Open

Wednesday, 6th May

07:30-09:00 Registration Desk Open

09:00-09:15 Welcoming Remarks

Welcome and Introduction to the Plenary Chairman

Boele Staal, Chairman of Federatie Veilig Nederland

Welcome from the Chairman of the Plenary Session

Michel Walhof, Chairman of the European Fire Sprinkler Network

Welcome from the city of Amsterdam

TBC

09:15-10:30 Keynote Speakers

Notre Dame – a disaster which is changing fire protection in France

Philippe Moineau, Fédération National des Sapeurs-Pompiers de France

Smart sprinkler systems to save water

Yibing Xin & Stanislav Kostka, FM Global, USA

10:30-11:00 Break

11:00-12:30 Session 1 – Plenary

Review of heritage fires and water-based solutions

Stewart Kidd, BAFSA, UK

New French guidance on construction with wood

Daniel Joyeux, Efectis, France

Li-ion fires and sprinkler systems

TBC, Netherlands

Wednesday, 6th May continued

12:30-13:45 Lunch

13:45-15:15 Session 2

Cultural Heritage

Chairman – Stewart Kidd, BAFSA

**Water mist and heritage buildings, Case study:
St Mark's Basilica, Venice**

Nino Frisina, Marioff, Italy

Sprinkler retrofit of the Peperbus in Zwolle
Ruud van Herpen, Nieman, Netherlands

Water mist protection of a wooden brig
Gaetano Coppola, Jensen Hughes, Italy

Residential Sprinklers

Chairman – Alan Brinson, EFSN

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

Brice Franc, SPK Engineering, France

Lessons of rapid market growth in Norway
Håvard Grønstad, Finance Norway

Dutch experience with residential sprinklers
*Michiel Huisman, Huisman Sprinklertechniek,
Netherlands*

New Technologies I

Chairman – François Asselman

Storage trends demand installers to be ready
Daniel Wake, Victaulic, USA

**UL requirements for anti-freeze solutions for use
in sprinkler systems**

Jeff Hebenstreit, UL, USA

**Ceiling only protection schemes for warehouses
up to 16.8 m in height**
Mike Bosma, Viking, USA

15:15-15:45 Break

15:45-17:15 Session 3

Road Tunnels

Chairman – John van Lierop, EFSN

Recent progress with sprinklers in road tunnels
Haukur Ingason, RISE, Sweden

**Automatic suppression for a new tunnel in
Sydney Harbour**

Guy Watson, Reliable Automatic Sprinkler, UK

Fixed fire-fighting system for tunnel protection
*Arjan ten Broeke, Johnson Controls,
Netherlands*

Performance-Based Design

Chairman – Youcef Ouammou

Protection of glass façades with sprinklers
Piotr Tofiło, Main School of Fire Service, Poland

Sprinklers, water mist and safety
David den Boer, Peutz, Netherlands

**Resolving new fire engineering challenges –
interaction between sprinkler and jet fan
ventilation in enclosed car parks**
Luciano Nigro, Jensen Hughes, Italy

Water Mist

Chairman – Bettina McDowell, IWMA

Cultural heritage protection with water mist
Rüdiger Kopp, Fogtec, Germany

**New European water mist standard and its
potential application for heritage protection**
Tim Nichols, TRN Associates, UK

**Insurers' experience and view of water mist in
properties**
Paul Morrison, Zurich Insurance, UK

19:00-22:00 Reception & Networking Event – RAI Amsterdam

Thursday, 7th May

09:00 Announcements
Chairman of the Plenary Session
Joachim Böke, Minimax, Germany

09:00-10:30 Session 4 – Plenary
Conceptual fire protection design for the Nhow Amsterdam hotel
Daan Jansen, Royal HaskoningDHV, Netherlands
CPR and possible revisions
Sergio Vasquez, EOTA, Belgium
Update on suppression research from the Research Foundation
Victoria Hutchinson, Fire Protection Research Foundation, USA

10:30-11:00 Break

11:00-12:30	<u>Session 5</u>	<u>New Fire Protection Challenges</u>	<u>Standards I</u>	<u>Corrosion and long-term performance</u>
		Chairman – Piotr Tofiło, POLIG	Chairman – Björn Schaumburg, EFSN	Chairman – Alfredo Álvarez, EFSN
	Fire protection of solar panels	NFPA updates	Corrosion, legionella and MIC in sprinkler and water mist systems	Corrosion, legionella and MIC in sprinkler and water mist systems
	<i>Robert Reinermann, VdS & Oliver Schröder, Minimax, Germany</i>	<i>Russ Fleming, IFSA, USA</i>	<i>Mascha van Hofweegen</i>	<i>Mascha van Hofweegen</i>
	Li-ion vehicle fire tests	Revision of EN 12845	Learning from field testing of 5,000 sprinklers	Learning from field testing of 5,000 sprinklers
	<i>Max Lakkonen, IFAB, Germany</i>	<i>Karim Karzazi, AXA Matrix, France</i>	<i>Magnus Arvidson, RISE, Sweden</i>	<i>Magnus Arvidson, RISE, Sweden</i>
	Tests conducted in accordance with NFPA 30 to assess sprinkler capability in different scenarios	Consolidated ISO sprinkler standards	Field experience with nitrogen and corrosion reduction in dry pipe systems	Field experience with nitrogen and corrosion reduction in dry pipe systems
	<i>Jeanne van Buren, Marsh, Netherlands</i>	<i>Kerry Bell, UL, USA</i>	<i>Steve Bradley, Potter Electric, UK</i>	<i>Steve Bradley, Potter Electric, UK</i>

12:30-13:45 Lunch

Thursday, 7th May continued

13:45-15:15 Session 6

Quality Assurance
Chairman – John van Lierop
The Dutch approach to quality assurance
Willem van Oppen, Het CCV, Netherlands

Automatic supervision and testing of sprinkler systems
Henrik Johansson, Johnson Controls, Sweden

Water supply best practice and tank maintenance in The Netherlands
René Dirven, Aon, Netherlands

Standards II
Chairman – Piotr Tofito
An update on CEN water mist standards
Joachim Böke, Minimax, Germany

The differences between FM and VdS sprinkler pump diesel driver approvals
Tong, NM fire Pumps, China

Remote fire protection services standard
Jan Witte, Minimax, Germany

New Technologies II
Chairman – Alfredo Álvarez
Sprinkler integrity test
Erik Haan & Martijn Monster, Unica Fire Safety, Netherlands

Faster systems to protect the most vulnerable
Jürgen Teschner, Job, Germany

A new sprinkler system to protect one of the world's largest particle physics accelerators
Anna Suwalska & Miriam Munoz, CERN, Switzerland

15:15-15:45 Break

15:45-17:00 Session 7 – Plenary

Chairman of the Plenary Session
Alan Brinson, EFSN, UK
How sprinklers affect the design of buildings
Johan Hoogeweg, DGMR, Netherlands
BIM to grade building resilience
Jim Glockling, The Fire Protection Association, UK
Closing Remarks
Michel Walhof, EFSN Chairman

19:00 Optional Gala Dinner – Canal Boat Reception and Dinner at the Koepelkerk, Amsterdam