

**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 Chair

Boele Staal, Chairman of Federatie Veilig Nederland

Welcome from the Chair of the Plenary Session

Michel Walhof, Chairman of the European Fire Sprinkler Network

Welcome from the city of Amsterdam

Tijs van Lieshout, Director of the Amsterdam Amstelland Safety Region

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

Utilisation of automatic fire suppression systems in cultural heritage occupancies

Stewart Kidd, BAFSA, UK

New French guidance on construction with wood

Daniel Joyeux, Efectis, France

Research – Fire modelling of sprinkler and SHEV interaction

Tom Roche, FM Global, UK

Wednesday, 6th May continued

12:30-13:45 Lunch

13:45-15:15 Session 2

Cultural Heritage

Chair – 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

Chair – 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 Sprinklertechnik,
Netherlands*

New Technologies I

Chair – François Asselman

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

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

Chair – John van Lierop, EFSN

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

**Case study: Sydney Harbour M4 East Road
Tunnel sprinkler system**

Guy Watson, Reliable Automatic Sprinkler, UK

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

Performance-Based Design

Chair – 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

Chair – 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, Falck Fire Consulting, 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 Chair of the Plenary Session <i>Joachim Böke, Minimax, Germany</i>		
09:00-10:30	Session 4 – Plenary Conceptual fire protection design for the Nhow Amsterdam hotel <i>Daan Jansen, Royal HaskoningDHV, Netherlands</i> CPR and possible revisions <i>Sergio Vasquez, EOTA, Belgium</i> Update on suppression research from the Research Foundation <i>Victoria Hutchinson, Fire Protection Research Foundation, USA</i>		
10:30-11:00	Break		
11:00-12:30	Session 5 New Fire Protection Challenges Chair – Piotr Tofiło, POLIG Fire protection of solar panels <i>Robert Reinermann, VdS & Oliver Schröder, Minimax, Germany</i> Li-ion vehicle fire tests <i>Max Lakkonen, IFAB, Germany</i> Tests conducted in accordance with NFPA 30 to assess sprinkler capability in different scenarios <i>Jeanne van Buren, Marsh, Netherlands</i>	Standards I Chair – Björn Schaumburg, EFSN NFPA updates <i>Russ Fleming, IFSA, USA</i> Revision of EN 12845 <i>Karim Karzazi, AXA Matrix, France</i> Consolidated ISO sprinkler standards <i>Kerry Bell, UL, USA</i>	Corrosion and long-term performance Chair – Alfredo Álvarez, EFSN Corrosion, legionella and MIC in sprinkler and water mist systems <i>Mascha van Hofweegen, Netherlands</i> Learning from field testing of 5,000 sprinklers <i>Magnus Arvidson, RISE, Sweden</i> Field experience with nitrogen and corrosion reduction in dry pipe systems <i>Steve Bradley, Potter Electric, UK</i>
12:30-13:45	Lunch		

13:45-15:15 Session 6

Quality Assurance

Chair – Gisela van Blokland, Het CCV

The Dutch approach to quality assurance

Willem van Oppen, Het CCV, & Ronald Oldengarm, DGMR, Netherlands

Water supply best practice and tank maintenance in The Netherlands

René Dirven, Aon, Netherlands

Automatic supervision and testing of sprinkler systems

Henrik Johansson, Johnson Controls, Sweden

Standards II

Chair – 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

Chair – Alfredo Álvarez

Sprinkler integrity test

Erik Haan & Martijn Monster, Unica Fire Safety, Netherlands

Intelligent glass bulb technology for sprinkler systems

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

Chair 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