

Conference Programme

Fire safety in a continually changing world

Tuesday 12th June

**Day 1: Wednesday 13th June
MORNING**

1500 – 1900: REGISTRATION DESK OPEN

0730 – 0900: REGISTRATION DESK OPEN

0830: FSI 2018 EXHIBITION OPENS

0900 – 0915: WELCOMING REMARKS

Welcome and Introduction to the Plenary Chairman

Benny Wallén, Chairman, Sprinklerfrämjandet

Welcome from the Chairman of the Plenary Session

Michel Walhof, Chairman, European Fire Sprinkler Network

Welcome from the City of Stockholm

Joakim Larson, Stockholm City Council

0915 – 1030: KEYNOTE SPEAKERS

Recent Research Learning

Lou Gritzo, Manager of Research, FM Global, USA

Exterior Fire Protection for High-Rise Buildings

Jan Johansson, Director Business Development Asia Pacific & Middle East, Johnson Controls, Singapore

1030 – 1100: BREAK AND AN OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION

1100 – 1230: SESSION 1 – PLENARY

The History is our Future

Gösta Holmstedt, Sprinklerfrämjandet, Sweden

Suitable Fire Protection Measures in Nursing Homes

Patrik Perbeck, MSB (Swedish Civil Contingencies Agency), Sweden

Property Fire Assessment and Fixed Fire Protection – An Insurer's Perspective

Mark Middleton, Swiss Re Corporate Solutions Services, UK

1230 – 1345: LUNCH AND AN OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION

Conference Programme

DAY 1 : WEDNESDAY 13TH JUNE - AFTERNOON

Fire safety in a continually changing world

1345 – 1515:

SESSION 2 – WORKSHOPS

APPLICATIONS

Chairman – Joachim Böke, Minimax
Retrofit of a large site – a client view
SKF & FM Global, Sweden

Sprinkler protection as part of a fire engineering strategy for a heritage building

Gary Howe, Zurich Insurance UK

Records Management industry: sprinkler

Protection challenges in records storage

Gaetano Coppola, Jensen Hughes, Italy

WATER MIST

Chairman – Bettina McDowell, IWMA
Towards performance-based dimensioning of water mist sprinkler systems

Maarit Tuomisaari, Marioff, Finland

Compensation for missing fire partitions in buildings with high pressure water mist

Rüdiger Kopp, FOGTEC, Germany

Testing of residential sprinklers and water mist nozzles in residential area fire scenarios

Magnus Arvidson, RISE, Sweden

CARE HOMES

Chairman – Danny Doherty, BAFSA
Fire safety in homes for the elderly: research into the efficiency of alternative fire safety measures in new care concepts

Ann Beusen, VIPA, Belgium

Fire safety in homes for the elderly: sprinklers as a better solution

René Hagen, IFV, Netherlands

TBC

Staffan Bengtson, Brandskyddslaget, Sweden

1515 – 1545:

BREAK AND AN OPPORTUNITY TO VISIT THE FSI 2016 EXHIBITION

1545 – 1715:

SESSION 3 – WORKSHOPS

PERFORMANCE BASED DESIGN I

Chairman – Alan Brinson, EFSN

History and development of sprinkler trade-offs in USA, influenced by fire engineering

Russ Fleming, IFSA, USA

A cost benefit tool to analyse sprinklers as an option in the design of buildings

Erik Sävmark & Matilda Bjälkefur

Brandkonsulten Kjell Fallqvist, Sweden

Sprinkler protection for evacuation safety

Ruud van Herpen, Nieman, Netherlands

FOAM SYSTEMS

Chairman – Andy Hall, Hall Fire Safety Consultants

Compressed air foam systems for protection of loading/unloading platforms

Antoon Buitenhuis, Siron, Netherlands &

Lorne Lévesque, Fireflex, Canada

Foam sprinklers – things that matter

John-Olav Ottesen, Dafo Fomtec, Norway

Quality assurance of unfluorinated foam agents in sprinkler systems and the influence of sprinkler design on extinguishing performance

Jens Stubenrauch, Dr Sthamer, Germany &

Marcus Thoma, Jomos, Switzerland

BIM & SEISMIC PROTECTION

Chairman – Henrik Johansson, Johnson Controls

Are you ready for the software revolution? BIM and VR in fire protection design

Amanda Comunale, Victaulic, Belgium

Handbook for the design and installation of seismic protection for fire sprinkler systems

Stefano Grimaz, University of Udine, Italy

Automatic seismic design of fire sprinkler piping systems using Building Information Modelling

André Filiatrault, University School Advanced

Studies IUSS Pavia, Italy & State University of New York at Buffalo, USA

1900 – 2200: **RECEPTION & NETWORKING EVENT – Radisson Waterfront Hotel**

Conference Programme
DAY 2 : THURSDAY 14th JUNE - MORNING

Fire safety in a continually changing world

- 0830:** **FSI 2018 EXHIBITION OPENS**
- 0900:** **ANNOUNCEMENTS**
Benny Wallén, Chairman of the Plenary Session, Nordic Sprinkler, Sweden
- 0900 – 1030:** **SESSION 4 – PLENARY**
- Owner's experience of 25-year sprinkler inspections of European shopping centres**
Eric Trznadel, Unibail-Rodamco. France & Gilles Lefrand, Diot, France
- Development of NS 3912 on exterior fire protection, combining active and passive systems**
Geir Jensen, COWI, Norway
- 10-year study on the reliability of Swedish sprinkler systems**
Markus Melin, Brandkonsulten Kjell Fallqvist, Sweden
- 1030 – 1100:** **BREAK AND AN OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION**
- 1100 – 1230:** **SESSION 5 – WORKSHOPS**
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| QUALITY ASSURANCE
Chairman – Tomas Åberg, SBSC | STANDARDS
Chairman – Youcef Ouammou, EFSN |
| Efficiency and effectiveness of sprinkler systems in the United Kingdom: an analysis from fire service data
<i>Julian Parsons, National Fire Chiefs Council, UK</i> | NFPA updates
<i>Russ Fleming, IFSA, USA</i> |
| Automatic sprinklers: a comprehensive approach to performance and reliability
<i>Witali Engelhardt, FM Approvals, Germany</i> | Revision of EN 12845
<i>Karim Karzazi, AXA Matrix, France</i> |
| Review of the Swedish requirements for designers, installers and inspectors
<i>Jens Hjort, Brandskyddsöreningen, Sweden</i> | EN 16925 – New European residential sprinkler systems
<i>Alan Brinson, EFSN, UK</i> |
- 1230 – 1345:** **LUNCH AND AN OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION**

- CULTURAL HERITAGE**
Chairman – Francois Asselman,
Belgian Fire Sprinkler Network
- Owner led research on water-based systems for the protection of wooden churches and historical buildings**
Ingrid Staurheim, KA, Norway
- Vacuum sprinkler systems for the protection of cultural heritage**
Koen van Herpe, VK Engineering, Belgium
- Exposure protection in Eksjö's 19th century wooden building city centre**
Bo Hjorth, Sprinklerfrämjandet, Sweden

Conference Programme
DAY 2 : THURSDAY 14TH JUNE - AFTERNOON

Fire safety in a continually changing world

1345–1515:

SESSION 6 – WORKSHOPS

PERFORMANCE BASED DESIGN II

Chairman – Jan Wisén, MSB

The impact of automatic sprinklers on building design

Ryan McCreddie, Olsson Fire & Risk, UK

A new, innovative and verified FFS for road tunnels

Bo Wahlström, Brandskyddslaget, Sweden

NFPA13 & EN 12845 Ordinary & Light Hazard extended coverage sprinkler protection options

Guy Watson, Reliable, UK

CORROSION PROTECTION

Chairman – John van Lierop, EFSN

Corrosion in fire sprinkler systems

Steve Broadley, Potter Electric, UK

Systematic study of corrosion behaviour of HF welded tubes

Michael Wenger, Wuppermann Austria

The practical and commercial benefits of using CPVC fire protection systems in retrofit projects

Mark Knurek, Lubrizol, USA

HIGH-RISE BUILDINGS

Chairman – Piotr Tofilo, Polish Sprinkler Group

High-rise buildings, trade-offs and verification of the fire safety performance of sprinklers in building design

Olof Axelsson, Oax, Sweden

Protection of wooden buildings, high-rise buildings and of vulnerable people

Anders Bergqvist, Brandskyddsforeningen, Sweden

Sprinkler protection of high-rise buildings: challenges and technical solutions

Jochen Krumb, VdS, Germany

1515 – 1545:

BREAK AND A FINAL OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION

1545 – 1715:

SESSION 7 - PLENARY

Chairman - Gösta Holmstedt, Sprinklerfrämjandet, Sweden

Pedigree of the fine water spray foam-enhanced suppression system on latest Royal Navy Type 26 and Queen Elizabeth Carrier Class platforms

Jim Glockling, The FPA, UK

BIM, fire safety and impacts for fire protection systems

Johan Norén, Briab, Sweden

Closing remarks

Michel Walhof, Chairman, EFSN

1900: OPTIONAL GALA DINNER – Reception and Dinner at City Hall, Stockholm