

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**
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| <p>APPLICATIONS
Chairman – Joachim Böke, Minimax
Retrofit of a large site – a client view
<i>SKF & FM Global, Sweden</i></p> <p>Sprinkler protection as part of a fire engineering strategy for a heritage building
<i>Gary Howe, Zurich Insurance UK</i></p> <p>Records Management industry: sprinkler Protection challenges in records storage
<i>Gaetano Coppola, Jensen Hughes, Italy</i></p> | <p>WATER MIST
Chairman – Bettina McDowell, IWMA
Towards performance-based dimensioning of water mist sprinkler systems
<i>Maarit Tuomisaari, Marioff, Finland</i></p> <p>Compensation for missing fire partitions in buildings with high pressure water mist
<i>Rüdiger Kopp, FOGTEC, Germany</i></p> <p>Testing of residential sprinklers and water mist nozzles in residential area fire scenarios
<i>Magnus Arvidson, RISE, Sweden</i></p> | <p>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
<i>Ann Beusen, VIPA, Belgium</i></p> <p>Fire safety in homes for the elderly: sprinklers as a better solution
<i>René Hagen, IFV, Netherlands</i></p> <p>TBC
<i>Staffan Bengtson, Brandskyddslaget, Sweden</i></p> |
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- 1515 – 1545: BREAK AND AN OPPORTUNITY TO VISIT THE FSI 2016 EXHIBITION**
- 1545 – 1715: SESSION 3 – WORKSHOPS**
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| <p>PERFORMANCE BASED DESIGN I
Chairman – Alan Brinson, EFSN</p> <p>History and development of sprinkler trade-offs in USA, influenced by fire engineering
<i>Russ Fleming, IFSA, USA</i></p> <p>A cost benefit tool to analyse sprinklers as an option in the design of buildings
<i>Erik Sävmark & Matilda Bjälkefur
Brandkonsulten Kjell Fallqvist, Sweden</i></p> <p>Sprinkler protection for evacuation safety
<i>Ruud van Herpen, Nieman, Netherlands</i></p> | <p>FOAM SYSTEMS
Chairman – Andy Hall, Hall Fire Safety Consultants</p> <p>Compressed air foam systems for protection of loading/unloading platforms
<i>Antoon Buitenhuis, Siron, Netherlands &
Lorne Lévesque, Fireflex, Canada</i></p> <p>Foam sprinklers – things that matter
<i>John-Olav Ottesen, Dafo Fomtec, Norway</i></p> <p>Quality assurance of unfluorinated foam agents in sprinkler systems and the influence of sprinkler design on extinguishing performance
<i>Jens Stubenrauch, Dr Sthamer, Germany &
Marcus Thoma, Jomos, Switzerland</i></p> | <p>BIM & SEISMIC PROTECTION
Chairman – Henrik Johansson, Johnson Controls</p> <p>Are you ready for the software revolution? BIM and VR in fire protection design
<i>Amanda Comunale, Victaulic, Belgium</i></p> <p>Handbook for the design and installation of seismic protection for fire sprinkler systems
<i>Stefano Grimaz, University of Udine, Italy</i></p> <p>Automatic seismic design of fire sprinkler piping systems using Building Information Modelling
<i>André Filiatrault, University School Advanced Studies IUSS Pavia, Italy & State University of New York at Buffalo, USA</i></p> |
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- 1900 – 2200: RECEPTION & NETWORKING EVENT – Radisson Waterfront Hotel**

Conference Programme
DAY 2 : THURSDAY 14th JUNE - MORNING

Fire safety in a continually changing world

- 1830: FSI 2018 EXHIBITION OPENS**
- 1900: ANNOUNCEMENTS**
Benny Wallén, Chairman of the Plenary Session, Nordic Sprinkler, Sweden
- 1900 – 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 | CULTURAL HERITAGE
Chairman – Francois Asselman,
Belgian Fire Sprinkler Network |
| 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> | Owner led research on water-based systems for the protection of wooden churches and historical buildings
<i>Ingrid Staurheim, KA, Norway</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> | Vacuum sprinkler systems for the protection of cultural heritage
<i>Koen van Herpe, VK Engineering, Belgium</i> |
| Review of the Swedish requirements for designers, installers and inspectors
<i>Jens Hjort, Brandskyddsföreningen, Sweden</i> | EN 16925 – New European residential sprinkler systems
<i>Alan Brinson, EFSN, UK</i> | Exposure protection in Eksjö's 19th century wooden building city centre
<i>Bo Hjorth, Sprinklerfrämjandet, Sweden</i> |
- 1230 – 1345: LUNCH AND AN OPPORTUNITY TO VISIT THE FSI 2018 EXHIBITION**

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DAY 2 : THURSDAY 14TH JUNE - AFTERNOON

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1345–1515:

SESSION 6 – WORKSHOPS

PERFORMANCE BASED DESIGN II

Chairman – Jan Wisén, MSB

The impact of automatic sprinklers on building design

Ryan McCreadie, Olsson Fire & Risk, UK

A new, innovative and verified FFS for road tunnels

Bo Wahlström, Brandskyddslaget, Sweden

More competitive systems with extended coverage sprinklers

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 2016 EXHIBITION

1545 – 1715:

SESSION 7 - PLENARY

Chairman - Gösta Holmstedt, Sprinklerfrämjandet, Sweden

Corrosion prevention in sprinkler systems

Nick Groos, Minimax, Germany

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**