

Business Sustainability, Sprinkler Innovations & Standards

Monday 18th April

1500 – 1900 Registration Desk Open

Tuesday 19th April

CONFERENCE PROGRAMME : DAY 1 - MORNING

0730 Registration Desk Open

0830 FSI 2016 Exhibition opens

0900 – 0915 :

Welcoming Remarks

Welcome and Introduction to the Plenary Chairman

Rudolf Reimers, Chairman of Bundesverband Technischer Brand e.V

Welcome from the Chairman of the Plenary Session

Michel Walhof, Chairman of the European Fire Sprinkler Network

Welcome from the Mayor of Munich

0915 – 1030 :

Keynote Speakers

Can We Innovate In A Market That Prizes Proven Technology?

Volker Bechtloff, Managing Director, Minimax, Germany

Sprinkler Systems Of The Future

Clive Weston, VP Engineering, Tyco Fire Protection Products, Switzerland

1030 – 1100 : Break and an opportunity to visit the FSI 2016 Exhibition

1100 – 1230 :

Session 1 – Plenary

Sprinkler Systems - Trends And Developments

Jörg Wilms, WilmsWeiler, Germany

Evolution Of In-Rack Sprinkler Protection Options

Frank Drolsbach, FM Global, Germany

An Evaluation Of The Response Time Of Different Sprinkler Bulbs In A Living Room Scenario

Magnus Arvidson, SP Fire Research , Sweden

1230 – 1345 Lunch and an opportunity to visit the FSI 2016 Exhibition

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Tuesday 19th April

CONFERENCE PROGRAMME : DAY 1 - AFTERNOON

1345–1515 :

Session 2 – Workshops

RESEARCH

Chairman – Joachim Böke, MinimaxViking

Sprinkler Bulb Developments

Jürgen Teschner, Job, Germany

Validation Of New NFPA Design Criteria For Rack-Stored, Exposed, Expanded Group

A Plastics

Kerry Bell, Underwriters Laboratories, USA

Testing And Hazard Classification Of Flammable Liquids In Small Containers

Armelle Muller, CNPP, France

WATER MIST

Chairman – Bettina McDowell, IWMA

Water Mist Fire Protection For The Food Industry

Joachim Gabran, Marioff, Finland

A New Challenge: Fire Protection With Water Mist In The Printing Industry

Dirk Laibach, FOGTEC, Germany

Empirical Proof Of Performance Of Tunnel Protection Systems

Rajko Rothe, IFAB, Germany

CARE HOMES

Chairman – Alan Brinson, EFSN

Residential-Sprinkler = human, smart and green

Roger Hoffmann, HT-Protect, Germany

Design And Installation Tips For Residential Installers

John Newman,

RSP Sprinklers Wales

Water Mist Protection Of Escape Routes In A Care Home

Olaf Schillocks, Tyco Fire & Security, Germany

1515–1545 : Break and an opportunity to visit the FSI 2016 Exhibition

1545-1715 :

Session 3 – Workshops

FIRE ENGINEERING

Chairman – Alan Brinson, EFSN

Modelling Sprinkler Systems Using FDS

Victoria Valentine, IFSA, USA

Jet Ventilation Systems Versus Sprinklers In Enclosed Car Parks

Reinhold Herbst, bvfa, Germany

Sprinkler Protection For Cloud Ceilings

Gaetano Coppola, Jensen Hughes, Italy

Jason Floyd, Jensen Hughes, USA

SYSTEM APPLICATIONS I

Chairman – Wolfram Krause, bvfa

Special Protection Concepts For The Wood Industry

Thorsten Westphal, Minimax, Germany

Fire Test Protocols For Water Mist System Protection Of Data Processing Rooms

Witali Engelhardt, FM Approvals, Germany

Fixed Fire Protection For Waste To Energy Plants

Gary Howe, Zurich, UK

PRESSURE

Chairman – Steve Mills, BAFSA

New European Pump Standards

Alex Playfair, SPP Pumps, UK

Modern Diesel Drivers For Sprinkler Pumps

John Blackwood, Clarke UK

Advances With Vacuum Sprinkler Systems

Jean-François Marco, Vactec, France

1900-2200 RECEPTION & NETWORKING EVENT – Holiday Inn, Munich City Centre

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Wednesday 20th April

CONFERENCE PROGRAMME : DAY 2 - MORNING

0830

FSI 2016 Exhibition opens

0900

Announcements

Chairman of the Plenary Session

Stefan Kratzmeir, VdS, Germany

0900–1030 :

Session 4 – Plenary

Protection Goals And Alternative Fire Protection Solutions From A Property Insurer's View

Jan Heinemann, HDI Risk Consulting, Germany

ESFR Sprinklers And Obstructions

Amanda Kimball, Fire Protection Research Foundation & Garner Palenske, AON, USA

Sprinklers As Seen By A Large German City Fire Brigade

Matthias Ott, Munich Fire Brigade, Germany

1030–1100 :

Break and an opportunity to visit the FSI 2016 Exhibition

1100-1230 :

Session 5 – Workshops

STANDARDS UPDATE

Chairman – Youcef Ouammou, EFSN

Updates to NFPA 13

Russ Fleming, International Fire Sprinkler Association, USA

Revisions To EN 12845 And CEA 4001

Karim Karzazi, AXA Matrix Risk Consultants, France

prEN 16925, A European Residential Sprinkler Design, Installation And Maintenance Standard

Alan Brinson, EFSN, UK

FOAM

Chairman – Reinhold Herbst, bvfa

Possibilities And Limits With Fluorine-Free Foam Concentrates In Sprinkler Systems

Jens Stubenrauch, Dr Sthamer, Germany

Foam Extinguishing – Proportioning System Requirements For Liquid Extinguishing Additives

Peter Haarhoff, FireDos, Germany

High Expansion Foam Systems : Best Practice And Common Problems

John-Olav Ottesen, Fomtec, Norway

THE VALUE OF SPRINKLERS

Chairman – John van Lierop, EFSN/NOVB

Economic Justification For Sprinkler Systems

Vladimir Mozer, University of Zilina, Slovakia

An Analysis Of Recent Sprinkler Saves

Steve Mills, BAFSA, UK

Challenges For Extinguishing Technology In Schools And Care Homes

Georg Spangardt, Cologne Fire Brigade Director, Germany

1230–1345 :

Lunch and an opportunity to visit the FSI 2016 Exhibition

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Wednesday 20th April

CONFERENCE PROGRAMME : DAY 2 - AFTERNOON

1345-1515 :

Session 6 – Workshops

FIELD EXPERIENCE

Chairman – Jörg Wilms, WilmsWeiler

Experience Gained From Long-Term Inspections Of Sprinkler And Deluge Systems

Marek Pliml, VdS, Germany

Loss Prevention And Sprinkler Protection

Marco van Lier, German Insurance Association

"Managing Water Quality Risks in Sprinkler System
installations"

David Winberg, SP Fire Research, Sweden

SYSTEM APPLICATIONS II

Chairman – Daniel Doherty, BAFSA

Fire & Spray Tests Of Protection Schemes For Chemical Plants

Richard Kleinert, Minimax, Germany

How Fire Testing And Hydraulic Calculations Resolved Litigation For A Large Loss

Jim Glockling, The FPA, UK

Applying NFPA Advantages For Quick Response Sprinklers And Extended Coverage

Martin Workman, Viking, USA

CORROSION PREVENTION

Chairman – John van Lierop, EFSN/NOVB

The Dutch Experience With Corrosion And Its Mitigation

Mascha van Hofweegen, KWA, NL

Corrosion Inhibition Of Wet-Type Fire Suppression Systems Using Nitrogen Gas

Josh Tihen, Potter Electric, USA

Corrosion And Corrosion Mitigation In Fire Protection Systems

Jean Philippe Roisin, FM Approvals, USA

1515–1545 : **Break and a final opportunity to visit the FSI 2016 Exhibition**

1545-1715 :

Session 7 – Plenary

Chairman of the Plenary Session

Wolfram Krause, Managing Director, bvfa

Residential Sprinkler Protection in High-Rise Dwelling Units

Tom Multer, Reliable Automatic Sprinkler, USA

Free Movement of Goods versus Proof of Performance for Extinguishing Systems

Knut Czepuk, Ministry for Building, Housing, Urban Development and Transport of the State of North Rhine-Westphalia - Germany

Closing Remarks

Michel Walhof, EFSN Chairman

OPTIONAL GALA DINNER – Reception and Dinner at the Ratskeller, Marienplatz 8, Munich