



## CONFERENCE PROGRAMME, 20<sup>th</sup> May : Day 1 - MORNING

### Business Sustainability, Sprinkler Innovations & Standards

#### **MONDAY, 19<sup>TH</sup> MAY**

**15:00-19:00 REGISTRATION DESK OPENS**

#### **TUESDAY, 20<sup>TH</sup> MAY**

**0800-09:30 REGISTRATION DESK OPENS**

**09:30-09:45 WELCOMING REMARKS**

#### **WELCOME AND INTRODUCTION TO THE PLENARY CHAIRMAN**

Stewart Kidd, Secretary General of the British Automatic Fire Sprinkler Association

#### **WELCOME FROM THE CHAIRMAN OF THE PLENARY SESSION**

Michel Walhof, Chairman of the European Fire Sprinkler Network

#### **WELCOME FROM THE DEPUTY MAYOR OF LONDON**

Sir Edward Lister, Deputy Mayor of London

**09:45-10:45 KEYNOTE SPEAKERS**

#### **THE INSURER'S VIEW :**

Chris Hanks, Chairman, The Purple Partnership, UK

#### **THE MACROECONOMIC IMPACT OF COMMERCIAL FIRES :**

Debbie Smith, Director, BRE Global, UK and Oliver Hogan, Director, Centre for Economics and Business Research, UK

**10:45-11:15 BREAK**

**11:15-12:30 SESSION 1 – PLENARY : SUSTAINABILITY AND RESILIENCE**

#### **EVOLUTION OF STORAGE SPRINKLER DESIGNS :**

Ronnie Gibson, FM Global, USA

#### **FIRE TESTING OF A NOVEL SPRINKLER PROTECTION CONCEPT FOR ROAD TUNNELS :**

Haukur Ingason, SP, Sweden

#### **MAKING THE CASE FOR SPRINKLERS TO LOCAL GOVERNMENT :**

Steve Turek, London Fire Brigade, UK

**12:30-1345 LUNCH**



# CONFERENCE PROGRAMME, 20<sup>th</sup> May : Day 1 - AFTERNOON

## 1345-15:15 : SESSION 2

### RESEARCH

**CHAIRMAN – Joachim Böke, EFSN**

#### LARGE-SCALE FREE-BURN AND SPRINKLER TESTS WITH AUTOSTORE COMPACT STORAGE SYSTEM

Magnus Arvidson, SP Technical Research Institute of Sweden

#### SPRINKLER PROTECTION OF NON-STORAGE OCCUPANCIES WITH HIGH CEILING CLEARANCE

Peter Thomas, Victaulic, USA

#### IN-RACK SPRINKLERS? DEVELOPING NATIONAL OCCUPATIONAL SPECIFICATIONS

Tom Multer, Reliable Automatic Sprinkler, USA

### 15:30-16:00 BREAK

### SKILLS AND DEVELOPMENT FOR INSTALLERS

**CHAIRMAN – Mike Green, BAFSA**

#### INSTALLER TRAINING AND APPRENTICESHIPS

Jim Lake, National Fire Sprinkler Association, USA

#### A LOOK AT PRACTICAL TRAINING NOW. AN INSIGHT INTO THE UP-SKILLING AWARD FOR INSTALLERS DEVELOPED AT NPTC GROUP

Peter Snowball, NPTC Group

#### FIRE SPRINKLER INDUSTRY LABOUR MARKET INFORMATION & INTELLIGENCE - OPPORTUNITIES FOR THE FUTURE

Ruth Oliver, REO Consultancy, UK

### FIRE ENGINEERING

**CHAIRMAN – Jean-Claude De Smedt, Grontmij, SFPE**

#### SPRINKLERS, AN ESSENTIAL TOOL IN FIRE ENGINEERING DESIGN

Jon Pagan, IFC Group, UK

#### FFFS FOR ROAD TUNNEL FIRE SUPPRESSION

Aaron McDaid, Parsons Brinckerhoff, UK

#### PREDICTING FIRE SUPPRESSION BY WATER SPRAY WITH NUMERICAL CODES: MODEL DEVELOPMENT & VALIDATION

Alexandre Jenft, CNPP, France

## 15:45-17:15 : SESSION 3

### SPRINKLER DESIGN CONCEPTS

**CHAIRMAN – Keith MacGillivray, Sprinklers Scot.**

#### SPRINKLER PROTECTION IN ATRIUM SPACES, IS DELUGE AN OPTION?

Johan Hoogeweg, DGMR, Netherlands

#### ALTERNATIVE SPRINKLER SYSTEM DESIGNS

Kerry Bell, Underwriters Laboratories, USA

#### SOLUTION FOR THE PROTECTION OF TRANSFORMERS

Andreas Teckenburg, Minimax, Germany

### WATER MIST

**CHAIRMAN – Bettina McDowell, IWMA**

#### PHYSICAL SCALING FOR PERFORMANCE EVALUATION OF WATER MIST SYSTEMS

Bert Yu & Jon Carpenter, FM Approvals, USA

#### WATER MIST SYSTEMS – THE VDS VIEW AND THE NEW VDS DESIGN & INSTALLATION GUIDELINE

Stefan Kratzmeier, VdS, Germany

#### WATER MIST FIRE PROTECTION AT BODLEIAN LIBRARY OF EA RS COMPACT ARCHIVE STORAGE

Tim Nichols, Tyco Fire Protection Products, UK

### BUILDING INFORMATION MODELLING

**CHAIRMAN – Steve Seaber, BAFSA**

#### AN ARCHITECT'S VIEW OF BIM

Peter Caplehorn, Scott Brownrigg, UK

#### CAD AND BUILDING INFORMATION MODELLING

Alan Heath, B and C Fire Engineering, UK

#### USING BIM

#### IN A REAL PROJECT

TBC, Compco, UK

## 19:00-22:00 RECEPTION & NETWORKING EVENT – GRANGE TOWER BRIDGE HOTEL

# CONFERENCE PROGRAMME, 21<sup>st</sup> May : Day 2 - MORNING

## Business Sustainability, Sprinkler Innovations & Standards

### 09:00 ANNOUNCEMENTS

#### CHAIRMAN OF THE PLENARY SESSION

Kirsi Rajaniemi, Interior Ministry, Finland

### 09:00-10:30 SESSION 4 – PLENARY: EVOLVING FIRE CHALLENGES

#### EXPANDED PLASTICS: FIRE HAZARD AND NEW SPRINKLER PROTECTION CRITERIA :

Steve Wolin, Code Consultants, USA

#### FIRE HAZARDS IN TIMBER BUILDINGS AND THEIR NEED FOR SPRINKLERS :

Casey Grant, National Fire Protection Research Foundation, USA

#### PRE-FIRE PLANNING IN SPRINKLERED WAREHOUSES :

Christina Francis, Procter & Gamble, USA

### 10:30-11:00 Break

### 11:00-12:30 : SESSION 5

#### STANDARDS UPDATE

#### CHAIRMAN – Youcef Ouammou, EFSN

#### UPDATES TO NFPA 13

Ken Isman,  
National Fire Sprinkler Association,  
USA

#### REVISIONS TO EN 12845 AND CEA 4001

Karim Karzazi, AXA Matrix Risk Consultants,  
France

#### FUTURE HAZARD ANALYSIS IN EN 12845

Stuart Lloyd, Zurich Risk Engineering, UK

#### FIRE EXPERIENCE & ANALYSIS

#### CHAIRMAN – Reinhold Herbst, EFSN/bvfa

#### RISK PROFILING: REDUCING THE RISK TO BUSINESS

Julian Fountain, Cambridgeshire Fire & Rescue  
Service, UK

#### LEARNING FROM THE PLACE VENDÔME FIRE

Olivier Gaudard, Interior Ministry, France

#### RECORDING SPRINKLER EFFECTIVENESS AND USING THE DATA

Steve Mills, BAFSA, UK

#### PIPE HANGING

#### CHAIRMAN – Ian Gough, BAFSA

#### ISSUES AROUND SYSTEM HANGING

Milan Zuber  
Sauer, Hilti,  
Germany

#### EARTHQUAKE BRACING

Gaetano Coppola,  
Hughes Associates, Italy

#### FIRE SPRINKLER EARTHQUAKE PROTECTION – SWAY BRACING

David Jeltès, ERICO, USA

### 12:30-1345 LUNCH

## CONFERENCE PROGRAMME, 21<sup>st</sup> May : Day 2 - AFTERNOON

**13:45-15:15 : SESSION 6**

**STANDARDS UPDATE II**

**CHAIRMAN – John van Lierop, EFSN/NOVB**

**NFPA 25 AS A MEANS TO IMPROVE SPRINKLER SYSTEM RELIABILITY**

Bill Koffel, Koffel & Associates,  
USA

**A EUROPEAN STANDARD FOR INSTALLER**

Martin Harvey, Tyco Fire & Integrated  
Solutions, UK

**A EUROPEAN RESIDENTIAL SPRINKLER SYSTEM DESIGN, INSTALLATION AND MAINTENANCE STANDARD**

Alan Brinson,  
European Fire Sprinkler Network

**15:15-15:45 Break**

**15:45-17:00 SESSION 7 - PLENARY : LIFE SAFETY AND SUSTAINABILITY**

**CHAIRMAN OF THE PLENARY SESSION**

Peter Armstrong, BAFSA Chairman

**THE SANTA MARIA FIRE AND ITS AFTERMATH :**

Marcelo Lima, FM Global, Brazil

**FIRE SPRINKLERS AND SUSTAINABILITY :**

Russ Fleming, Managing Director, International Fire Sprinkler Association, USA

**CLOSING REMARKS :**

Michel Walhof, EFSN Chairman

**19:00 OPTIONAL GALA DINNER – RECEPTION AND DINNER AT STATIONERS' HALL IN THE CITY OF LONDON**

**SYSTEM INNOVATIONS**

**CHAIRMAN – Ian Gough, BAFSA**

**NEW WAYS FOR MONITORING AND ALARM INDICATION FOR SPRINKLER SYSTEMS**

Jens Lill, Minimax,  
Germany

**QUALIFICATIONS INNOVATION IN FIRE DETECTION AND SUPPRESSION**

Jim Glockling, The FPA, UK

**WATER MIST PROTECTION OF SAUNAS**

Alexalle, VID Fire-Kill, Denmark &  
Gary Howe,  
Zurich Risk Engineering, UK

**CORROSION INHIBITION AND MEASUREMENT**

**CHAIRMAN – Stewart Kidd, BAFSA**

**CORROSION INHIBITION OF DRY AND PRE-ACTION FIRE SUPPRESSION SYSTEMS USING NITROGEN GAS**

Josh Tihen, Potter Electric, USA

**INNOVATIVE SPRINKLER SYSTEM BASED ON VACUUM TECHNOLOGY**

François Asselman, Vactec, Belgium

**NEW MEDIUM RANGE ULTRASONIC INSPECTION TECHNIQUE TO DETECT CORROSION AND BLOCKAGES**

Adam Wilkinson & Matthew Deere, Plant Integrity, UK