

## Conditions of Participation

### Registration

Please register online via [www.iwma.net](http://www.iwma.net) - a link there will take you directly to the conference webpage.

### Conference Fees

All participants will be charged the following fees for attending the conference:	
Members of IWMA:	
Payment before 16th July 2018:	480.00 €
Payment after 16th July 2018:	540.00 €
Non-Members:	
Payment before 16th July 2018:	540.00 €
Payment after 16th July 2018:	600.00 €
Speakers (presentation only):	400.00 €
Speakers (presentation and paper):	300.00 €
Students:	200.00 €
Day One only (Applications Day)	350.00 €
Groups: *	
Payment before 16th July 2018:	480.00 € per person
Payment after 16th July 2018:	540.00 € per person

### Conference Language

The language for presentations will be English. An interpretation service will not be provided.

### Modes of Payment

Participants are asked to pay with credit cards when registering. Only in certain cases will payments via bank transfer be accepted. For further information please contact the conference secretariat.

\* Ten people min.

## Venue and Travel

### Conference Location

Grange City Hotel  
8-14 Cooper's Row  
London EC3N 2BQ  
UK  
Phone: + 44 (0) 207 863 3700

The Grange City Hotel is a conference hotel situated near the Tower of London, Tower Bridge and the River Thames. It offers superior, executive and club rooms. A selection of female friendly rooms is available. You will also find a spa as well as health and fitness facilities in the building. The hotel has a step-free entrance and twelve accessible bedrooms with adapted bath/shower facilities. Disabled parking is available nearby.

### Venue / Travel Information

Please click [www.iwma.net](http://www.iwma.net) for further information about the conference venue and directions - again a link there will take you directly to the conference webpage.

### Accommodation

All participants are responsible for their own hotel arrangements. However, IWMA has blocked rooms in the Grange City Hotel at a special rate for delegates. Participants will find details on how to book their rooms on the conference webpage. The conference webpage can be reached via [www.iwma.net](http://www.iwma.net).

On the conference webpage you will also find a list with alternative accommodation within walking distance.

For independent hotel bookings you may also visit:  
[www.hotels.com](http://www.hotels.com)  
[www.booking.com](http://www.booking.com)  
[www.expedia.com](http://www.expedia.com) ...or similar sites

## Further Information

### Conference Reception and Exhibition

All participants are invited to join the reception sponsored by Platinum Sponsor Cristanini on the evening of 19th September at 18:00 at The Grange City Hotel. An exhibition will run alongside the conference.

### Conference Material

The conference sessions / presentations will be made available to IWMA members and attendees after the conference.

### Social Life

With regard to the fact that some delegates may not be able to leave London until the day after the conference, IWMA will recommend evening activities for Thursday night for interested parties. Details will be announced during the conference. **PLEASE NOTE:** The activities may in part be self-payer events!

### Sponsorship

Interested parties will have the opportunity to sponsor the event and/or take part in the exhibition. Please download the flyer from [www.iwma.net](http://www.iwma.net). Go to „Events“ and click „Read more“.

### Conference Secretariat

International Water Mist Association  
Bettina McDowell  
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# 18th International Water Mist Conference

## 19th & 20th September 2018

in  
**London, UK**  
**Grange City Hotel**

### Sponsored by

### Honorary Sponsors

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PROGRAMME\*

Tuesday, 18th September

15:00 **IWMA Member Meeting** The Grange City Hotel, Room Crown, until 19:00 (Dinner at 20:00)

Wednesday, 19th September (Applications Day)

08:15 Registration

09:00 **Opening Address**  
Ragnar Wighus, IWMA Chairman

09:15 **KEYNOTE SPEECH: Grenfell: A Look forward at what needs to change**  
Jim Glockling, Fire Protection Association, UK

Session 1 / Chairman: Markku Vuorisalo

09:45 **High-Pressure Water Mist for the Protection of high-rise Buildings**  
Michael Bindreiter, Aquasys Technik GmbH, Austria

10:15 **Safeguarding Escape Routes within high-rise Buildings** Ann Micheli, Ultra Fog, UK

10:45 **High-rise Buildings: Design and Commissioning Challenges**  
Christophe Balayre, Danfoss Semco, Denmark

11:15 **Coffee Break & Networking & Exhibition**

Session 2 / Chairman: Jonathan Carpenter

11:45 **A new Frontier for Water Mist on Cutting Extinguishers**  
Giancarlo Franchini, Cristanini, Italy

12:15 **Water Mist Fire Protection for Underground Mass Transport Facilities**  
Rüdiger Kopp, Fogtec, Germany

12:45 **Water Mist Fire Protection Systems for Machinery local Protection**  
Joachim Gabran, Marioff, Finland

13:15 **Lunch Break & Networking**

Session 3 / Chairman: Henrik Bygbjerg

14:30 **Case Reports of real Fire Accidents between 2016 and 2017 treated with Water Mist Turbines**  
Francesco Fritz, EMI Controls, Italy

15:00 **Protection of Ordinary Hazard Compartments with Sidewall Water Mist Nozzles**  
Dennis Visser, Johnson Control, UK

15:30 **Compensation for missing Fire Partitions by Water Mist**  
Beihua Cong, Shanghai Tongtai, P.R. China

16:00 **Coffee Break & Networking & Exhibition**

Session 4 / Chairman: Erik Christensen

16:30 **Developing of a new Fire Test Protocol for Quick Suppression Systems**  
Anders Bergström, Firefly, Sweden

17:00 **How the Fire Industry can influence the Future of IoT**  
Yusuf Muhammad, Plumis, UK

17:30 **20 Years of Water Mist**  
Ragnar Wighus, RISE Norway

Please see next column for details on the evening reception!

18:00 **End of Day One**  
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*All delegates are cordially invited to join the IWMA board of directors, the members of the organization as well as the sponsors (= exhibitors) for the evening reception at 18:00!*  
  
*The reception will end at around 20:30!*

Thursday, 20th September (Research & Testing)

Session 5 / Chairman: Hong-Zeng (Bert) Yu

09:00 **KEYNOTE SPEECH: Water Mist and NECs - SUVEREN Research Project**  
Max Lakkonen, IFAB, Germany

09:30 **Experimental and numerical Studies to assess the Benefits of Water Mist System in Mont-Blanc Tunnel** Sylvain Desanghere, Lombardi, France

10:00 **Towards performance-based Dimensioning of Water Mist Systems**  
Maarit Tuomisaari, Marioff, Finland

10:30 **Coffee Break & Networking & Exhibition**

Session 6 / Chairman: Siaka Dembele

11:00 **Ceiling Height Limits for effective Water Mist Protection of FM Global HC-2 and HC-3 Fire Hazards in open Environment**  
Hong-Zeng (Bert) Yu, FM Global, USA

11:30 **Testing of residential Sprinklers and Water Mist Nozzles in residential Area Fire Scenarios**  
Are Wendelborg Brandt, RISE Norway

12:00 **Water Mist Fire for Property Insurance Purposes** Paul Morrison, Zurich Risk Engineering, UK

12:30 **Lunch Break & Networking**

Session 7 / Chairman: Max Lakkonen

13:45 **The VdS Approval Process for a Water Mist System based on a practical Example**  
Kamil Swietnicki, VdS, Germany

14:15 **Evaluation of a Hybrid System of High-Pressure Water Mist and Aerosol Fire Suppression Systems**  
Yoon Ko, National Research Council Canada (Fire Safety Unit)

14:45 **Modelling Fire Suppression by Water Sprays in CFD: A Review of Progress and Challenges**  
Siaka Dembele, Kingston University London, UK

15:15 **End of Day Two**

16:30 **Social Life\*\*** (or 19:00 at the pub)

\*Subject to change without notice!  
\*\*The guided tour is for free, the dinner is a self-payer event!  
**Please note:** Although the IWMA is an event organized and hosted by the International Water Mist Association the board of directors wishes to stress that the speakers voice their own views and ideas which may not necessarily be that of IWMA!  
**Please note:** IWMA cannot be held liable for any event that may occur due to force majeure that may lead to changes of the programme, cancellation of services and additional costs to attendees!