



24th International Water Mist Conference Manchester, UK, on 24th and 25th September 2025

Conference Programme

IWMA would like to thank the Sponsors!



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Conference Location

The Hyatt Regency Hotel
55 Booth Street W
Manchester, M15 6PQ, UK
Phone: + 44 (0) 161 359 5550

Conference room: The Rothwell Suite / Exhibition area: The Bernstein Suite

Please go to www.iwma.net/iwmc for further information!

24th International Water Mist Conference – Programme*

Tuesday, 23rd September 2025

14.30	IWMA annual Member Meeting / welcome coffee
15.00	IWMA annual Member Meeting
19.30	IWMA annual Member Meeting Dinner (IWMA members and invited guests only!)

Wednesday, 24th September 2025

8.00	Registration and Start of Day 1
9.00	Welcoming address and industry review 2025 Max Lakkonen, IWMA President / IFAB, Germany
9.30	Welcome note t.b.d.

Session 1 – Modern water mist systems

Moderator: **Robert Mostad**

9.50	Water mist in marine and off shore applications – how water mist has become widely accepted as the fire suppression technology of choice Ann Micheli, Ultra Fog, Italy
10.10	Protection of heritage buildings – Case study: Notre Dame Cathedral Antti Hurme, Marioff, Finland
10.30	High-rise building fire protection with high-pressure water mist Rüdiger Kopp, Fogtec, Germany
10.50	Q&A
11.00	Coffee break (networking & exhibition)
11.30	Deploying water mist in the dynamic and fast growing data centre industry: An outlook from liquid cooling to LIBs Riccardo Cerati, VID FIREKILL, Denmark
11.50	Machinery space protection with water mist Dirk Laibach, Johnson Controls International, Germany
12.10	Innovative fire protection for roof with photovoltaic systems David Bell, Minimax Viking, Germany
12.30	Where next for water mist? Alan Brinson, European Fire Sprinkler Network, UK
12.50	Q&A
13:00	Lunch break (networking & exhibition)

Session 2 – Design, installation and operation of water mist systems

Moderator: **Jonathan Carpenter**

14.15	Water mist fire suppression systems for the protection of car parks – An integrator's installation perspective Hans Schipper, Brandtechniek, Netherlands
14.35	Integration of water mist systems into data centre protection Lee Haines, Fireworks Fire Protection, UK
14.55	The Water Mist Guide – IWMA tool for the industry Erling Mengshoel, IWMA, Norway
15.15	Water mist statistics – systems installed and numbers of activation Bettina McDowell, IWMA, Germany

15.35	Q&A
15.45	Coffee break (networking & exhibition)
Session 3 – Water mist standards	
Moderator: Markku Vuorisalo	
16.15	The design process of water mist systems according to EN 14972 standard series Luciano Nigro, Jensen Hughes, Italy
16.35	Panel Discussion: Status of UK Standardisation Moderator: Ann Micheli Panellists: t.b.d.
17.15	Closing of Day 1
17.45	Reception (all participants are invited!)

Thursday, 25th September 2025	
9.00	Opening and Start of Day 2
Session 4 – Research	
Moderator: Are Brandt	
9.05	Experimental and simulation analysis of water mist systems for shielded fire applications (winner of the Ragnar Wighus Award 2025 / Ph.D.) Azad Hamzehpour, Polytechnic University of Turin, Italy
9.30	Characterizing EV vs ICE hazards in parking structures: Results of full-scale testing Kemal Arsava, RISE Norway, Norway
9.50	Green HVAC project – a comparison of GHG emissions of fire suppression systems Kjell Audun Flåten, Multiconsult, Norway
10.10	Passive fire protection requirements achieved by fixed firefighting systems Joaquim Vilar, Applus+, Spain
10.30	Q&A
10.45	Coffee break (networking & exhibition)
Session 5 – Testing and development	
Moderator: Rüdiger Kopp	
11.15	Water mist extinguishment of ignitable liquid storage fires in cutoff rooms Xiangjang Zhou, FM, USA
11.35	Effect of water mist to relax ventilation design specs Rajko Rothe, IFAB, Germany
11.55	Application of water mist fire suppression systems for ammunition loading machines Glen Saraduke, Saraduke Technical Service, USA
12.15	The impact of smoke and water-based fire suppression systems on touchless door-openers Robert Mostad, RISE Norway, Norway
12.35	Q&A
12.45	Lunch break (networking & exhibition)

Session 6 – Water mist components and applications

Moderator: Henrik Bygbjerg

14.00	The certification of an electronically operated, targeted, domestic water mist system to UL 2167A for compliance William Makant, Plumis, UK and Scott Franson , UL, USA
14.20	Remote Maintenance – state of the art versus normative limitation Lukas Heschl, Aquasys, Austria
14.40	Alternative high-pressure water mist nozzles technology Antti Virtanen, Aquapix, Finland
15.00	The updated VdS 3188 and VdS 3883 test concepts in the context of DIN EN 14972 Christian Kopp, VdS Schadenverhütung
15.20	Q&A
15.30	Summary & farewell Max Lakkonen, IWMA President / IFAB, Germany
15:45	Closing of Day 2

*subject to change without notice!

Social life:

19.00	Dinner at a Manchester Restaurant (self-payer event!)
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More details on day 2 of the conference!

Accommodation: Participants are responsible for their own hotel arrangements. However, IWMA have blocked rooms at The Hyatt Regency Hotel at a special rate for delegates. Please contact IWMA for details and prices.

Registration: Please register online via www.iwma.net/iwmc (under “registration - buy your ticket here!”)

Conference Fees: Participants will be charged the following fees:

Members of IWMA	
Payment before 1 st August	600.00 €
Payment after 1 st August	680.00 €
Non-Members	
Payment before 1 st August	680.00 €
Payment after 1 st August	720.00 €
Speakers (presentation only)	400.00 €
Speakers (presentation and paper)	300.00 €
IWMA member dinner	50.00 €

Students: IWMA offers a limited number of free tickets exclusively for students. Once these are taken, additional student tickets will be available at reduced rates, starting from €50.

Groups: Special group discounts are available. Please contact the IWMA head office for more information.

Modes of Payment: Tickets can be purchased using a (company) credit card, by invoice, or through other payment options shown during the registration process. For more details, please contact the conference secretariat.

Further Information:

Conference Reception and Exhibition: All participants are invited to the reception on the evening of 18th September at 18:00 at The Hyatt Regency Hotel.

The Conference Webpage: www.iwma.net/iwmc

Conference Hashtag: #IWMC2025

Conference Material: The conference sessions / presentations will be made available after the conference under: <https://iwma.net/publications/conference-papers>

Social Life: As some delegates will stay in Manchester after the end of the conference, IWMA will recommend / organize activities for Thursday afternoon and evening. Details will be announced during the conference.

PLEASE NOTE: The activities may in part be self-payer events!

Sponsorship / Exhibition: 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/iwmc (scroll down to „INFORMATION FOR SPONSORS“) or go to www.iwma.net and then „Events / IWMC 2025“ and click „Read more“.

Conference Secretariat:

International Water Mist Association

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Note: Although the IWMC is an event organised 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!

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!

The IWMA Board of Directors is looking forwards to seeing you in Manchester in 2025!

