



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

15.00	IWMA annual Member Meeting (welcome coffee at 14.30)
19.00	IWMA annual Member Meeting Dinner (IWMA members and invited guests)

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: Over 40 years' experience in UK Fire and Rescue Services Sir Ken Knight, UK
Session 1 – Modern water mist systems (Moderator: Robert Mostad)	
9.50	Water mist in marine and offshore 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	Application of water mist fire suppression systems for ammunition loading machines Glen Saraduke, Saraduke Technical Service & Chris van der Stokker, XDS Fire, USA
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	Preserving history: Advanced water mist fire testing for non-standard heritage buildings Harry Wright, Siemens, UK
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	Residential Water Mist in the UK Guy Briscoe, iCO Products, UK
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	Where next for water mist? Alan Brinson, European Fire Sprinkler Network, UK
16.55	Q&A
17.00	Panel Discussion: Status of UK Standardisation Moderator: Ann Micheli
17.45	Closing of day 1
18.00	Reception (sponsored by SIEMENS / 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, Norwegian University of Science and Technology, 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
10.40	Coffee break (networking & exhibition)
Session 5 – Testing and development (Moderator: Rüdiger Kopp)	
11.10	Water mist extinguishment of ignitable liquid storage fires in cutoff rooms Xiangyang Zhou, FM, USA
11.30	The updated VdS 3188 and VdS 3883 test concepts in the context of DIN EN 14972 Christian Kopp, VdS Schadenverhütung, Germany
11.50	The impact of smoke and water-based fire suppression systems on touchless door-openers Robert Mostad, RISE Norway, Norway
12.10	Q&A
12.20	Coffee break (networking & exhibition)
Session 6 – Water mist components and applications (Moderator: Henrik Bygbjerg)	
12.40	The certification of an electronically operated, targeted, domestic water mist system to UL 2167A for compliance with NFPA 750 William Makant, Plumis & Simon Ince, UL, UK
13.00	Remote Maintenance – State of the art versus normative limitation Lukas Heschl, Aquasys, Austria
13.20	Alternative high-pressure water mist nozzles technology Antti Virtanen, Aquapix, Finland

13.40	Q&A
13.50	Summary & farewell Max Lakkonen, IWMA President / IFAB, Germany
14.00	Closing of day 2 (official end)
14.00	Networking lunch / meetings with different associations (all invited)

*subject to change without notice!

Social life:

19.00	After-Conference Dinner at The King Street Townhouse (self-payer event!)
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Tickets available on www.iwms.net/iwmc

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 booking code, 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 23rd 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 has booked a table at The King Street Townhouse for an after-conference dinner. Tickets can be bought on www.iwma.net/iwmc. Please scroll down to "SOCIAL LIFE".

PLEASE NOTE: This event is a self-payer event!

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!

