



## 23rd International Water Mist Conference Antwerp, Belgium on 18th and 19<sup>th</sup> September 2024

IWMA would like to thank the Sponsors!



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### Conference Location

The Radisson Blu Astrid Hotel  
Koningin Astrid Plein 7b  
2018 Antwerp, Belgium  
Phone: + 32 (0) 3 203 1234

Conference room: Esperanza 3+4 / Exhibition area: Esperanza 1+2

Please go to [www.iwma.net/iwmc](http://www.iwma.net/iwmc) for further information!

## 23<sup>rd</sup> International Water Mist Conference – Programme\*

### Tuesday, 17<sup>th</sup> September 2024

<b>14.30</b>	IWMA annual Member Meeting / welcome coffee
<b>15.00</b>	IWMA annual Member Meeting
<b>20.00</b>	IWMA annual Member Meeting Dinner (IWMA members and invited guests only!)

### Wednesday, 18<sup>th</sup> September 2024

<b>8.15</b>	Registration
<b>9.15</b>	<b>Opening address</b> Are Brandt, IWMA President / Norwegian University of Science and Technology
<b>9.30</b>	<b>Welcome note</b> Prof. Bart Merci, Ghent University, Belgium

#### Session 1

Moderator: **Ann Micheli**

<b>9.45</b>	<b>IWMA Position Paper on CFD and Water Mist Firefighting</b> Max Lakkonen, IFAB, Germany (chair of the IWMA Scientific Council)
<b>10.15</b>	<b>The Impact of Water Mist on Combustion Products</b> Kemal Sarp Arsava, RISE, Norway
<b>10.45</b>	Coffee break (networking & exhibition)

#### Session 2

Moderator: **Alex Palle**

<b>11.15</b>	<b>Enhancing Tunnel Safety – The Efficacy of Water Mist Fire Suppression Systems through full-scale Fire Tests</b> Massimo Farnesi, Ultra Fog, Italy
<b>11.45</b>	<b>Investigation of high-pressure Water Mist Impact on Tunnel Safety – Full-scale experimental Validation of numerical Modelling</b> Jakub Bialewski, Building Research Institute, Poland
<b>12.15</b>	<b>Holistic Approach to Car Park Fire Safety</b> Bogdan Raciega, Baltic Fire Laboratory, Poland
<b>12.45</b>	Lunch break (networking & exhibition)

#### Session 3

Moderator: **Luciano Nigro**

<b>14.15</b>	<b>Inauguration of the new IWMA President</b>
<b>14.30</b>	<b>EN 14972-1/prA1:2024 has been published – Clarity for Application Definition is now given</b> Dirk Laibach, Johnson Controls International, Germany
<b>15.00</b>	<b>Panel Discussion I: EN 14972 – How to use Annex A?!</b> (Moderator: Luciano Nigro)
<b>15.30</b>	<b>How to recognise a good Fire Test Protocol</b> Johan Hoogeweg and Ronald Oldengarm, DGMR, Netherlands
<b>16.00</b>	Coffee break (networking & exhibition)

#### Session 4

Moderator: **Markku Vuorisalo**

<b>16.30</b>	<b>Evidence from the Experience in the Field of electronically operated domestic Water Mist Systems</b> Steven Dynan, Plumis, UK
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<b>17.00</b>	<b>Water Mist Fire Protection Systems as a Solution in Food Processing Process involving HACCP Protocols</b> Pablo Correa, RMC Corporate, Chile
<b>17.30</b>	<b>Enhancing Firefighting Efficiency on Water Mist Technology – Advancements in mobile Systems and Nozzles</b> Claudio Gnaccarini, Cristanini, Italy
<b>18.00</b>	<b>Reception (all participants are invited!)</b>

### Thursday, 19<sup>th</sup> September 2024

#### Session 5

Moderator: **Kemal Sarp Arsava**

<b>9.00</b>	<b>Numerical Modelling of Water Spray Impingement Cooling</b> Cédric van de Vondel, EXPRO n.v., Belgium / Winner of the 2024 Ragnar Wighus Award
<b>9.30</b>	<b>CFD Modelling of Water Spray Impingement Cooling</b> Prof. Tarek Beji, Ghent University, Belgium
<b>10.00</b>	<b>Methanol as alternative Fuel – Challenges in full-scale Fire Tests with marine Water Mist Systems</b> Magdalena Siedzielnik, Baltic Fire Laboratory, Poland
<b>10.30</b>	Coffee break (networking & exhibition)

#### Session 6

Moderator: **Bogdan Raciega**

<b>11.00</b>	<b>Panel discussion II: Lithium-Ion Battery Fires (Update and Opportunities)</b> (Moderator: Max Lakkonen)
<b>11.30</b>	<b>Experimental and numerical Study of Water Mist and Smoke Control System Interaction on Building Evacuation Routes</b> Jakub Bialewski & Grzegorz Krajewski, Building Research Institute, Poland
<b>12.00</b>	<b>Effectiveness of Water Extinguishing Systems on Ammonia Absorption in confined Spaces</b> Kemal Sarp Arsava, RISE, Norway
<b>12.30</b>	Closing speech and end of event
<b>13.00</b>	Light lunch and farewell

\*subject to change without notice!

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#### Social life:

<b>15.00</b>	We will visit the newly re-opened Rubens House (at the invitation of IWMA!)
<b>18.00</b>	Dinner at the Bourla Restaurant (self-payer event!)

More details on day 2 of the conference!

### Accommodation

Participants are responsible for their own hotel arrangements. However, IWMA have blocked rooms in The Radisson Blu Astrid Hotel at a special rate for delegates. Participants will find the booking code as well as details on how to book their rooms on the IWMA webpage:

[www.iwma.net/iwmc](http://www.iwma.net/iwmc)

(scroll down to „ACCOMMODATION - book your room here!“) On the conference webpage you will also find a list with alternative accommodations.

**Registration:**

Please register online via [www.iwma.net/iwmc](http://www.iwma.net/iwmc)

(scroll down to „REGISTRATION - buy your ticket here!“)

**Conference Fees:** Participants will be charged the following fees:

<b>Members of IWMA</b>	
Payment before 15 <sup>th</sup> August	600.00 €
Payment after 15 <sup>th</sup> August	680.00 €
<b>Non-Members</b>	
Payment before 15 <sup>th</sup> August	680.00 €
Payment after 15 <sup>th</sup> August	720.00 €
<b>Speakers (presentation only)</b>	400.00 €
<b>Speakers (presentation and paper)</b>	300.00 €

Students can obtain one of 5 free tickets available. When these tickets are no longer available, IWMA offers 5 tickets at 50 € each, then 5 tickets at 100 € each etc. Students do not pay more than 200 € for their ticket. Special offers are available for groups. Please get in touch with the IWMA head office!

**Conference Language:** The language for presentations will be English. An interpretation service will NOT be provided!

**Modes of Payment:** Participants can buy their tickets using their (company) credit card. They can also purchase their ticket(s) on invoice or use other modes of payment that the ticket system will show during the process. For further information 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 Radisson Blu Astrid Hotel.

The Conference Webpage: [www.iwma.net/iwmc](http://www.iwma.net/iwmc)

Conference Hashtag: #IWMC2024

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 Antwerp 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](http://www.iwma.net/iwmc) (scroll down to „INFORMATION FOR SPONSORS“) or go to [www.iwma.net](http://www.iwma.net) and then „Events / IWMC 2024“ and click „Read more“.

Conference Secretariat:

International Water Mist Association

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Please note: Although the IWMC 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!

For your information:

The 24th International Water Mist Conference will take place in Manchester, UK, on 24th and 25th September 2025. The conference hotel will be The Hyatt Regency Hotel.



The call for papers will be released on 15th January 2025!

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

