

IWMA News

June 2017

IWMC 2017

The preparations for the 17th International Water Mist Conference are well under way.

The conference webpage is now online! Like in 2016, a big red button will guide you from the IWMA site to this registration tool and information pool. All the details speakers, sponsors and delegates may need are gathered here.

Please note that the activation of the conference webpage is also the start of the early bird period. Until 15th July, delegates will profit from reduced fees for conference tickets.



IWMC 2017

Click [HERE](#) to [Register](#) and for [Details](#)

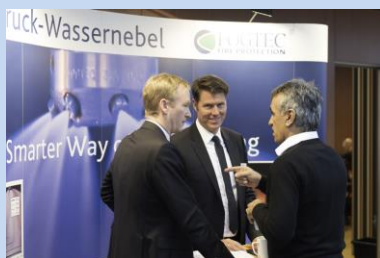
The abstract deadline for the 17th International Water Mist Association was on 15th May. Again, IWMA has received more abstracts than there are slots during the two-day conference. The IWMA Scientific Council is now evaluating the submissions and will pick the best to make sure we will have two informative and interesting days. IWMA will publish the programme on 1st July on the conference webpage.

What is new for speakers are now two price categories:

- For speakers who hand in a power-point presentation only the ticket price remains unchanged: 400 Euros.
- Speakers who will also hand in a written paper will from 2017 onwards profit from a reduced fee of 300 Euros.

IWMC Sponsoring

Interested in sponsoring the conference? Companies and other organizations can support the event financially. A table top to showcase products and brochures is on offer. The other possibility is to become an honorary sponsor and to help spread the word and include the details of the conference in newsletters and mailings.



Please contact IWMA's headquarters in Hamburg or go the IWMA webpage to find out more. Companies that have registered for IWMC sponsorship so far are:

Platinum Sponsor:



Gold Sponsors:



Thanks for the support!

The IWMA Work Camp 2017

On 7th and 8th March the IWMA Board of Directors as well as representatives from the IWMA Scientific Council and the Marketing Group met for a two-day work camp in Hamburg to discuss the “next 20 years”.



Markku Vuorisalo (Marioff) , Rüdiger Kopp and Are Brandt

Present were all IWMA Directors. SP's Are Brandt had travelled to Hamburg as representative for the IWMA Scientific Council. Also, Marketing Group members Rüdiger Kopp (Fogtec) and Mogens Jessen (Danfoss Semco) attended the meeting.



Henrik Bygbjerg, Are Brandt, Rüdiger Kopp, Jonathan Carpenter, Luciano Nigro, Alex Palle / Marco Noordman and Alex Palle

The topics that the group discussed during the two days were – amongst others:

- the IWMA webpage
- social media as well as
- events

The result should of course be – amongst others – to make the water mist sector grow.

Several tasks have been allocated to different groups within the board, the scientific council and the marketing group already. One task group will develop an “Applications Certification/Approval Matrix” (working title) which will be part of the members’ only section, thus only available for IWMA members.

The IWMA Marketing Group

Since earlier this year, the cast of characters within the IWMA Marketing Group has slightly changed. Mahua Sarkar (Tyco) has dropped out as she is no longer working within the water mist section in her company. Joachim Gabran (Marioff) has now joined the group.



Joachim Gabran (Marioff)

Events: UK, Poland, Dubai

The 2nd **UK** Water Mist Seminar took place on 22nd March in Watford. Again, BRE was host to the event. The organizing committee was the UK Water Mist Group and the International Water Mist Association. Support came from FIA and BAFSA. The event was sponsored by Cristanini, Fogtec, Tyco and VID Fire-Kill and was CPD-accredited.

Like in 2016, the event was a huge success. Around 100 delegates came to listen to nine presentations that covered all important subjects.

Are Brandt (SP Norway) explained how water mist works. Bob Whiteley (Tyco) reported on the British Standard BS8489 (industrial), Tim Nichols (also Tyco) made the connection to an application.



Bob Whiteley (Tyco) on the British Standard



BRE's Louise Jackman on "The water mist nozzle"

Louise Jackman explained the nozzle – and the audience was quite amazed what there is to know about this little but vital gadget. The "insurance man" Gary How (Zurich Risk Engineering) explained how water mist can work for waste to energy bio mass plants.



Gary Howe explains the insurers' work and involvement

Rüdiger Kopp (Fogtec) and Dean Reeve (VID Fire-Kill) presented two case studies. Ian Gough (BAFSA) talked about non-compliant systems and asked if the water mist community could become the victims of its own success. In a final presentation John Sinclair (Compco Fire Systems) listed the installation and maintenance requirements for water mist systems.

The next IWMA Seminar will take place in **Cracow, Poland**, on 15th November this year. The event will be held in English and Polish. The exact conference venue has not been determined. IWMA will keep you updated on this as well as on the agenda.

The companies that have pledged to support this event are:



The agenda for the day is currently being developed. The idea is to use a similar scheme to the UK seminar, thus to cover different subjects and to start with some basic information, show the insurers' views, have some case studies etc.

A meeting during which different marketing strategies for water mist will be discussed will take place on 14th November, also in Cracow.

This summer IWMA will check out possibilities to go to next year's **Intersec in Dubai**. If the IWMA Directors put up their thumbs, there will be a booth as well as a seminar.

News from CEN

Earlier this month a draft of prEN 14972-1:2017 ("Fixed firefighting systems – Water Mist Systems – Part 1: Design, Installation, Inspection and Maintenance") was published and forwarded to all CEN

members. It has been prepared and drawn up by CEN/TC 191/WG 10 under the chairmanship of Dr. Joachim Böke (Minimax). It will eventually supersede CEN/TS 14972:2011. At this moment the document is not a European Standard.



Dr. Joachim Böke

For the time being the CEN members are invited to comment, provide supporting documentation and to make the Technical Committee aware of any relevant patent rights.

On becoming a European Standard the CEN members will be bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alterations.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

IWMA at ... (Reports)

IWMA representatives have attended a number of meetings and conferences. Here are their reports:



Kristian Hox, Erik Christensen, Rüdiger Kopp

Kristian Hox (SP Norway) attended a CEN meeting:

“Update from CEN/TC 191 WG 10 Water mist systems”

The working group has earlier this year finished part one of the EN 14972 standard (design, installation, inspection and maintenance). It is now clear that it will go out to enquiry on 25th May to all the member countries in CEN. On the 7th meeting arranged as a web conference on 14th March the focus was related to fire test protocols. Earlier, the committee has finished protocols for machinery spaces, industrial oil cookers, offices, school class rooms and hotels. During the 7th meeting the test protocol for shopping areas and adopting the ISO 15371 as the test protocol for commercial oil cookers was discussed.”

The next meeting was originally set to be 27th to 28th June in Essen but will now take place in Berlin on 28th and 29th June. It will prioritize the completion of all the fire test protocols.

Erik Christensen (Novenco) attended the **IMO Sub-Committee Meeting** between 20th and 24th March this year.

“The sub-committee on ship systems and equipment, SSE 4”, held its fourth session during the week 12-2017 in London.

Several topics on the agenda, but of particular interest, for the water mist interests, is the working group on fire protection. The work group was set to look at:

- 1) Amendments to the FSS code for CO2 pipelines in under-deck passageways.
- 2) Unified interpretation of provisions of IMO safety, security, and environment-related conventions.
- 3) Review SOLAS chapter II-2 and associated codes to minimize the incidence and consequences of fires on RO-RO spaces and special category spaces of new and existing RO-RO passenger ships.

The latter item is the more interesting to us water mist people, even though the work item includes several other issues apart from firefighting, i.e. ignition prevention, deck insulation, operational procedures, life-saving equipment, detection etc.

EMSA has issued reports and statistics on marine casualties and incidents yearly and found that the passenger vessels had a high rate of the reported incidents. Consequently, EMSA encouraged IMO to take up this issue on the agenda and now happened.

The work item is a long-term item and attached please see the proposed plan that is forwarded to MSC for approval.”

Rüdiger Kopp went to Warsaw on 26th April to attend the EFSN/VdS Conference

“EFSN / VdS Conference in Warsaw”



On the 26th of April 2017, EFSN conducted a one day conference focusing on water-based fire protection systems held in the Hilton Hotel and Convention Centre in Warsaw, Poland. The following day VdS hosted a one day conference covering other aspects of fire protection systems at the same place. Both events were attended by 170 engineers and fire experts.

The two conference days were completed by an exhibition where 26 manufacturers presented their products and latest innovations. Water mist systems by FOGTEC, Marioff, Aquasys, Tyco and Viking were part of the exhibition.

In presentations by insurers and fire associations, water mist technology was described as state of the art and as a direct alternative to conventional sprinkler systems for many different applications. It was also mentioned that water mist offers the same reliability and safety as conventional fire protection systems, if systems are adequately installed and maintained.

VdS presented their water mist standard VdS 3188 and Marioff presented a case study about a high rise building protected by high pressure water mist. Minimax gave a presentation of a vehicle painting plant being partially protected by low pressure water mist.

The entire event underlined the constantly growing market presence of the water mist technology.”

IWMA wins CV Award

Now it is official! The International Water Mist Association has won CV Magazine’s 2017 Health & Safety Award. IWMA has been named “Best Fire Suppression Technology Advocacy – Germany” and has received the “Award for Excellence in Sustainable Safety Technology Development”.

CV Magazine’s aim has been to “cast a light on the remarkable firms and individuals whose inimitable ways and innovative thinking has seen them reach incomparable heights and gain remarkable accomplishments.”

Well, we would say that we are delighted and very proud indeed! The daily work of an association which represents a technology which so far has not received the recognition it deserves is not always easy. But to win this award shows us that we are on the right track! ... 😊

Welcome!

IWMA would like to welcome the following new members:



Francesco Fritz (EmiControls) at last year's conference in Vienna

EmiControls is part of the TechnoAlpin Group. TechnoAlpin was started up in 1990 and the company designs and builds turnkey snow-making systems for ski resorts all over the world. The company head office is located in Bolzano (South Tyrol, Italy) in the Alps. Due to the Alpine terrain, South Tyrol is now one of the regions with the highest concentration of tunnels in Europe.

This was the premise which prompted TechnoAlpin to start up its subsidiary EmiControls in 2011. The company's in-depth expertise in mechanical engineering and in water atomization was then applied to firefighting.

The aim of EmiControls is to be more efficient at fighting fire and controlling smoke by combining optimum water atomization with innovative vehicles and superstructures.

Under the name AIRCORE, the German company Magirus GmbH, that had been devoting itself to the building of fire trucks, ladders, and fixed and portable pumps, took over sales of mobile extinguisher turbines.

For its part, EmiControls continues to sell stationary equipment and equipment for odor and dust system bonding.

BRE is a world leading multi-disciplinary building science centre with a mission to improve the built environment through research and knowledge generation.





Louise Jackman

A member of staff at BRE, who is particularly involved with water mist and always a welcome guest at IWMA events is Louise Jackman. She has over 25 years' experience working with fire suppression systems. She works at BRE and prior to that for insurers at the Loss Prevention Council, which is now a part of BRE. Her work in fire suppression has primarily focussed on water mist, gas extinguishing systems and sprinklers; undertaking testing, approval (LPCB and PED/TPED), research and consultancy projects for a wide range of end users including manufacturers and government departments. Louise actively participates in Standard's work. She chairs the British Standard sprinkler committee and attends CEN and ISO committees as a UK expert and is also a member of the IWMA Scientific Council.

Please get in touch with the IWMA headquarter in Hamburg if you have any queries!

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