

IWMA News

December 2016

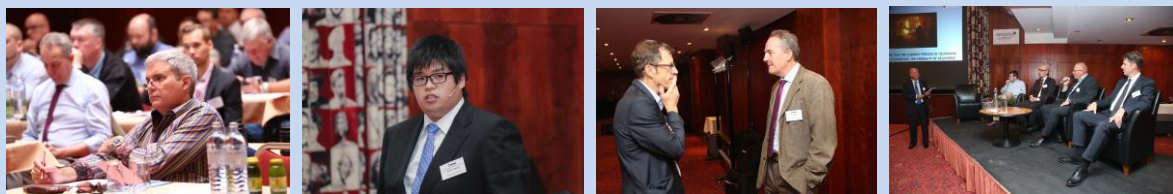
IWMC 2016 – Facts and Figures



Words of welcome by IWMA President Ragnar Wighus

Australia (1)	1,02 %	Japan (5)	5,1 %
Austria (16)	16,33 %	Netherlands (1)	1,02 %
Belgium (1)	1,02 %	Norway (5)	5,1 %
Czech Republic (2)	2,04 %	Poland (3)	3,06 %
Denmark (12)	12,24 %	Slovakia (1)	1,02 %
Finland (8)	8,16 %	Spain (1)	1,02 %
France (1)	1,02 %	Sweden (5)	5,1 %
Germany (9)	9,2 %	Switzerland (4)	4,08 %
Israel (2)	2,04 %	United Kingdom (10)	10,2 %
Italy (5)	5,1 %	United States (6)	6,12 %

In 2016, 98 delegates from 20 countries attended the 16th International Water Mist Conference in Vienna, Austria. The 20 speakers had travelled from 10 countries to give their presentation.



Once again, a panel discussion was part of the conference. Jonathan Carpenter (FM Approvals), Christian Kopp (VdS), Markku Vuorisalo (Marioff) and Rüdiger Kopp (Fogtec) discussed “The Quality of Water Mist Systems”. Luciano Nigro (Hughes Associates) acted as moderator.

IWMC 2016 – the Topics

The 16th International Water Mist Conference was an event packed with highlights. Joachim Böke (MinimaxViking), chairman of CEN/TC 191/WG 10, updated the audience on the European Standardization Work.



Dr. Joachim Böke (MinimaxViking)

Angel Abbud-Madrid (Colorado School of Mines) talked about the water mist portable fire extinguishers which his team - together with ADA Technologies – has developed for the International Space Station ISS.

On day two, IWMA President Ragnar Wighus presented Daniel A. Martin with the “IWMA Young Talent Award / Master”.



IWMA President Ragnar Wighus together with IWMA Young Talent Daniel A. Martin

Apart from that, some other topics were:

- Fire Detection and Extinguishing Systems utilizing Robotic Nozzles
- Aerosol Turbines for Mitigation of harmful Emissions and Firefighting
- 250,000 m² University Hospital entirely protected by High Pressure Water Mist
- Local Water Mist Protection Systems: Demonstrating Competent Design

IWMC 2016 – the Questionnaire

On day two of the conference, the delegates received a questionnaire to find out what they thought of the event. It was indeed the third time that IWMA wanted to have the presentations, the speakers as well as the overall event evaluated.

For the first time the delegates were asked to vote for the three best speakers. Here, Angel Abbud-Madrid received 25 votes. He was followed by Tim Nichols (Tyco) who talked about “Local



From left to right: Angel Abbud-Madrid from the Colorado School of Mines and Tim Nichols (Tyco)

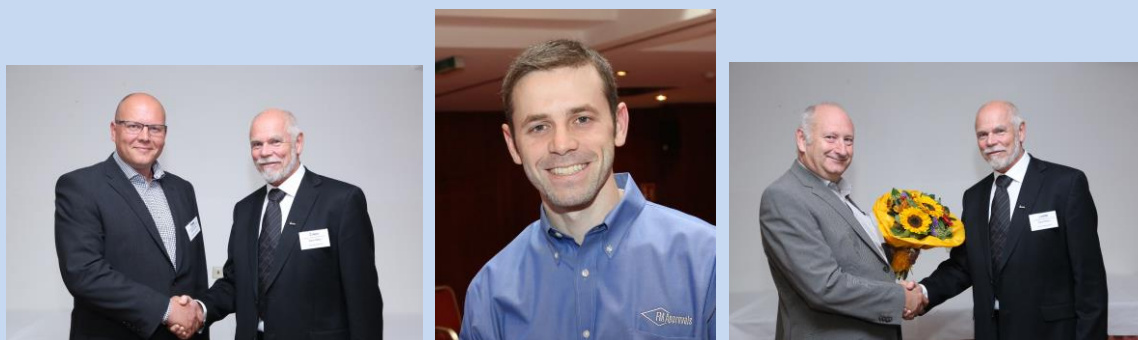
Application Water Mist for Land-Based Risks”. In third place were: Joachim Gabran (Marioff), Jim Glockling (Fire Protection Association) and Rüdiger Kopp (Fogtec). Naturally, many delegates said that they would like to see these particular speakers at future conferences.



From left to right: Joachim Gabran, Jim Glockling, Rüdiger Kopp

A full report on the evaluation of the conference in Vienna is available exclusively for IWMA members.

The 2016 IWMA Member Meeting



During this year's IWMA Member Meeting, Markku Vuorisalo (Marioff) was confirmed as a new member of the board. Also, Jonathan Carpenter was confirmed in office. And: Carsten Palle was officially announced new honorary member of IWMA.

IWMC 2017 – Date, Venue, Timetable

Another issue which was discussed during the IWMA member meeting was the date and venue for next year's conference. And here are the details: The 17th International Water Mist Conference will take place in Rome, Italy at the Barceló Aran Mantegna Hotel on 25th and 26th October. Please note that the initial date – 20th and 21st September – is no longer valid!



The timetable looks like this:

- The Call for Papers will be released on 15th January 2017.
- The Abstract Deadline is 15th May 2017.
- Speakers will be notified by 15th June 2017.
- The conference webpage will be activated on 15th May 2017.
- The early bird period – during which delegates can profit from special rates – will end on 15th July 2017.
- The conference programme will be published on 1st July 2017.
- A first draft of the agenda for the 2017 IWMA Member Meeting will be sent out on 19th July – two months prior to the meeting. The IWMA members will then have six weeks to hand in further items that they feel should be discussed.
- The final agenda will be distributed on 5th September 2017 – two weeks prior to the meeting.
- The annual IWMA Member Meeting 2017 will take place in Rome, Italy on 19th September 2017. The name of the meeting room in the Barceló Aran Mantegna Hotel will be announced in due course.

As usual and as always, IWMA are looking for sponsors and honorary sponsors to support the event! The details for both kinds of sponsorship have already been published on the IWMA homepage.

Travel Report

In late September, Bettina attended the **"Sustainable Fire Engineering Conference"** in Dublin, Ireland. The day prior to the conference was dedicated to the authorized revision of ISO 21542

(Building Construction – Accessibility and Usability of the Built Environment) which was last published in December 2011. This standard's issue is the evacuation of people with disabilities, impairments, limitations.

The organizer C.J. Walsh argues that not enough is done for that group which is not a small group. After all there are: wheelchair users, the elderly, young children, pregnant women, people with physical as well as mental health issues. In fact, 10 per cent of people have disabilities and 15 % are impaired by other activity limitations. Some concrete items were:

- refuge areas,
- areas of rescue assistance,
- evacuation equation: add lifts and elevators!
- Safer architectural forms
- etc.



Bettina in Dublin: Fire Safety for All / Sustainable Fire Engineering

During the conference on sustainable fire engineering the main question was how to design, construct, operate and manage buildings in a sustainable way. Here, Bettina had the opportunity to introduce water mist as one of the – if not THE – most sustainable way to protect a building.

NFPA 750

In October, Bettina together with Rüdiger Kopp (Fogtec) attended the “**NFPA 750 First Draft Meeting**” in Memphis, Tennessee, USA. First IWMA representative and principal when it comes to NFPA 750 is Max Lakkonen (IFAB) who was unable to attend. Thus, Rüdiger stood in.

What was discussed during the two-day-meeting has to remain behind closed doors. However, there are some dates and facts available for publication:

- The current edition of NFPA 750 is the 2015 edition.
- It can be purchased as a pdf-version or a book for \$ 50.50. There are no charges for viewing the online version.

- The next edition is due to be published in 2019.
- The First Draft Report Posting Date is: 1st March 2017.

Important dates and deadlines for the Second Draft are as follows:

- Public Comment Closing Date: 10th May 2017
- Second Draft Report Posting Date: 24th January 2018

And there are some dates concerning the Motions Committee Report (NITMAM):

- NITMAM Closing Date: 21st February 2018
- NITMAM Posting Date: 4th April 2018



NFPA 750 Chairman Robert Kasiski, Staff Liaison Chelsea Tuttle, IWMA representative Rüdiger Kopp and IWMA General Manager Bettina McDowell

CEN

On 20th October the 2nd CEN/TC 191/WG 10 meeting took place in Berlin. Several IWMA board members – amongst them IWMA President Ragnar Wighus and IWMA CEN representative Alex Palau – attended the meeting. Topics were – amongst others – balloting for a number of fire test protocols and an updated draft for prEN 14972-1.

Welcome!

Heinrich Samhaber joined IWMA in October 2016 as a private member. He writes about himself: I work for international construction projects. Currently I am working in Jeddah, Saudi Arabia. Due to good local contacts I am considering to start a business here specialized in distribution / installation of advanced firefighting equipment.

Plumis Ltd. joined IWMA in November 2016 as a corporate member. This company was created from an industrial design invention at the Royal College of Art London with the intention of making

"sprinklers easy to retrofit". CEO William Makant says: "It is our origin in academia that allowed us to think in first principles, collaborating with Greenwich University, for example, to come up with 'outside the box' solutions."



William Makant

He adds: "We would like to intensify this approach with our entrance to the IWMA. We bring electronics and thermodynamic experience from the automotive industry and we are very proud members of the "Archimedes Club" - efficiently deploying water mist low down into the base of fire.

We hope our entry into the IWMA will enable us to collaborate with the industry, work collectively to raise the awareness of watermist and bolster our credibility in the residential market where we see massive potential."

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

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