

## **IWMA moves east: 14<sup>th</sup> IWMC takes place in Istanbul**

Never before has the IWMA been as far east as this with its annual conference! The venue was still in Europe, but from the windows of the meeting room Asia was highly visible.

In all, 94 participants from 20 countries attended this year's International Water Mist Conference. They had travelled from as far as China, Australia, South Africa and the United States. The largest delegation was the Turkish one with 16 delegates followed by the Danish group with 12 delegates.



IWMC 2014: IWMA President Ragnar Wighus welcomes the delegates

During the two-day conference 19 speakers gave 18 presentations. Some delegates attended day one of the conference only which was "Applications Day". This conference day was rounded off with a panel discussion on the future of water mist. Afterwards the IWMA invited all delegates to an evening reception. Day two of the conference was dedicated to research and testing.

**PLEASE NOTE: The 15<sup>th</sup> International Water Mist Conference will take place in Amsterdam, Netherlands, on 28<sup>th</sup> and 29<sup>th</sup> October 2015. The Call for Papers will be released on 2<sup>nd</sup> February 2015, abstracts are due by 29<sup>st</sup> May 2015. The conference webpage will be activated on 1<sup>st</sup> June 2015, registrations will be possible from that day onwards.**

## The IWMC presentations:

Ragnar Wighus, SP Fire Research, Norway & chairman of the IWMA board of directors: Opening address and “The State of the Art of Water Mist Technology”



### General

- Alan Brinson, EFSN, UK: How does Water Mist fit into the Water-Based Fire-Fighting World?
- Rajko Rothe, IFAB, Germany: The IWMA Research Project

### Codes & Standards

- Magnus Arvidson, SP Fire Research, Sweden: The Background and Development of the Guidelines in IMO Resolution A.800 (19)
- Jonathan Carpenter, FM Approvals, USA: Planned Updates to FM Approval Standard Class 5560, Water Mist Systems, for 2015 Revision
- Stefan Kratzmeir, VdS, Germany: Fire Protection with Water Mist Systems – the View of VdS: VdS 3188 Guideline for Planning and Installation

### Research & Testing

- Fernando Arnaiz (RG Systems) & Mariano Lázaro (University of Cantabria), Spain: Experimental Characterization and Computer Modelling of Water Mist Systems
- Hai Jiang, United Technologies Research Center, USA: Water Mist-Based Fire Suppression Modeling of an Office Space Scenario
- Kristian Hox, SP Fire Research, Norway: Reflections about Fire Test Protocols for Protection of Cable Ducts

- Einar Kolstadt, Stord/Hausgesund University College, Dept. Of Engineering, Norway: The Effect of applying Auto Ignition Temperature in FDS Simulation
- Nadia Mofidi, Narfoam Kar Co., Iran: CFD Simulation of Water Mist and Sprinkler System in Resalat Tunnel of Tehran

### **Applications**

- Dr. Gökhan Balik, Etik Muhendislik Danismanlik, Turkey: The Use of Air Atomizing Nozzles to produce Sprays with fine Droplets
- Gary Howe (Zurich Insurance, UK) & Alex Palle (VID Fire-Kill, Denmark): Water Mist Protection of Saunas
- Rüdiger Kopp, Fogtec, Germany: Fire Protection for Printing Machines with Water Mist
- Dr. Rudolf Krause, Direkt T, Germany: Some practical Applications to Water Mist Technology
- Zygmunt Lada, Telesto, Poland: Rotor Technology to generate Water Mist for local Applications
- Dr. Tim Nichols, Tyco Fire Protection Products, UK: Fire Protection of compact Archive Storage using Water Mist
- Alex Palle, VID Fire-Kill, Denmark: Vulnerable Person fixed System – a Case Study
- Marco Pesaola, Eusebi Impianti, Italy: Protection of critical and innovative Buildings with Water Mist High Pressure Systems

PLEASE NOTE: All presentations are available on the IWMA webpage under publications / conference papers.



## IWMC – The Elections

As far as elections are concerned there was only one member of the current board of directors who was up for re-election: Luciano Nigro.

Luciano was first elected to be member of the IWMA board as a representative for Marioff in 2011. Since then he has been “motivated, knowledgeable and a very valuable networker for the organization”, expressed the IWMA board of directors.

In 2013 Luciano left Marioff and joined Hughes Associates Europe. This move caused him to now offer his seat on the board as he had actually been elected as a representative for Marioff. At the same time he stated that he would re-apply for a seat on the board.



Luciano Nigro



Brian Stumm

Another candidate for the board was Brian Stumm, Director/Engineering at Marioff. The Finish company had expressed the wish to become more active within the IWMA and it was thus a logical consequence to position a representative to run for a seat on the board.

The result was that both candidates were accepted unanimously and both accepted the seat on the IWMA board. Congratulations!

The current members of the board are:



The IWMA board of directors: Erik Christensen, Dirk Sprakel, Luciano Nigro, Ragnar Wighus, Henrik Bygbjerg, Jonathan Carpenter, Brian Stumm and Carsten Palle (left to right)

Ragnar Wighus, SP Fire Research Norway  
(chairman of the board)

Dirk Sprakel, Fogtec, Germany  
(Vice-Chairman of the board)

Henrik Bygbjerg, Danfoss Semco, Denmark  
Jonathan Carpenter, FM Approvals, USA  
Erik Christensen, Novenco / Wilhelmsen  
Technical Solutions, Denmark  
Luciano Nigro, Hughes Associates Europe  
Carsten Palle, VID Fire-Kill, Denmark  
Brian Stumm, Marioff, Finland

## Consultative Status with IMO

At its 113<sup>th</sup> session the International Maritime Organization (IMO) granted the IWMA consultative status. This means that IWMA will send its representatives to IMO meetings – will thus be in the front line – and will campaign for water mist technology in the marine sector.

## Welcome!

The International Water Mist Association would like to welcome the following new members:

**Alan Hedlund** comes from New Zealand and works for Fire Control Services a privately owned and operated Auckland based company that supplies and services fire and safety equipment. Alan's application for IWMA membership has been approved of on 14<sup>th</sup> October 2014.

**Hughes Associates Europe** – the company Luciano Nigro works for – has become an IWMA member earlier this month. The company has been providing loss prevention services for more than 25 years. The company serves a range of clients in private as well as industrial sectors, including Local and State Government sectors throughout Europe, the Middle East and North Africa.

\* \* \*

Please get in touch if you have a question, a suggestion or a complaint!



The IWMA office in Hamburg

**International Water Mist Association**  
Poststraße 33 (Hamburg Business Center)  
20354 Hamburg, Germany  
Phone + 49 40 35085-215,  
Fax + 49 40 35085-80  
Mobile +49 174 3013878  
info@iwma.net  
www.iwma.net

picture credits: all IWMA except page 5: HBC & Grey59/pixelio.de



***IWMA wishes all sponsors, cooperation partners and all within the water mist community a very merry Christmas and all the best for 2015!***