

**CTIF MEETING: FIRE PREVENTION COMMISSION**

**Time: from Tuesday, May 12<sup>th</sup> to Thursday, May 14<sup>th</sup> 2015**

**Location: National Fire Protection Association, 1 Batterymarch Park Quincy, MA, USA**

**Meeting minutes**

1. Welcomes and introductions

The commission members were welcomed by Mr. Jim Pauley, President of NFPA, Mr. Donald P. Bliss, Vice President of NFPA and Mr. Russell Sanders, Director of the Central Regional Office. CTIF Fire Prevention Commission chairman thanked them for all the work they had put in to make the meeting happen and opened the meeting on Tuesday May 12<sup>th</sup> at 08.30.

2. Fire prevention commission members

Name	Organization	Country	E-mail	Present at the meeting
Ales Jug, Chair and secretary of the meeting	Firefighters association of Slovenia	Slovenia	<a href="mailto:ales.jug@guest.arnes.si">ales.jug@guest.arnes.si</a>	Yes
Hans Andersson	The Swedish Fire Protection Association	Sweden	<a href="mailto:hans.andersson@svbf.se">hans.andersson@svbf.se</a>	Yes
Tatiana Eremina	International organization Women for Safety	Russia	<a href="mailto:pchelkatu@gmail.com">pchelkatu@gmail.com</a>	Yes
Zoltan Hidas	National Directorate General for Disaster Management	Hungary	<a href="mailto:zoltan.hidas@katved.gov.hu">zoltan.hidas@katved.gov.hu</a>	No
Janne Hovdenakk	Nordre Follo Brannvesen IKS	Norway	<a href="mailto:Janne.Hovdenakk@follobrannvesen.no">Janne.Hovdenakk@follobrannvesen.no</a>	No
Petr Kučera	Technical university of Ostrava	Czech republic	<a href="mailto:petr.kucera@vsb.cz">petr.kucera@vsb.cz</a>	No
Ilpo Leino	The Finnish National Rescue Association	Finland	<a href="mailto:ilpo.leino@spek.fi">ilpo.leino@spek.fi</a>	Yes
René Ruusunen	Copenhagen Fire Brigade	Denmark	<a href="mailto:renrus@okf.kk.dk">renrus@okf.kk.dk</a>	No
Russell Sanders	National Fire Protection Association	USA	<a href="mailto:RSanders@nfpa.org">RSanders@nfpa.org</a>	Yes
Natalia Tikhonova	International Scientific Innovational Centre of Construction and Fire Safety	Russia	<a href="mailto:risk@stopfire.ru">risk@stopfire.ru</a>	Yes
Guy Weis	Fire brigade Luxembourg City	Luxembourg	<a href="mailto:gweis@vdl.lu">gweis@vdl.lu</a>	No

The meeting was attended also by Mr. Donald P. Bliss and Mr. Iurii Eremin.

**Day 1 – May 12, 2015**

3. Meeting Agenda – Ales Jug

Ales presented the agenda and CTIF Fire Prevention Commission. It was followed by short introduction of meeting participants.

4. Minutes from 2014 meeting

The meeting notes of the 2014 meeting at Padasjoki, Finland were accepted as correct.

5. NFPA Presentation 1: Wildland fire at NFPA - Michele Steinberg (attachment 1) – Michele presented the NFPA activities in preventing the wildland fires. She introduced the Firewise Communities program (<http://www.firewise.org/>).

6. NFPA Presentation 2: Fire protection of historic buildings – an overview of NFPA 909 and NFPA 914 – Gregory E. Harrington (attachment 2) – Greg presented two important NFPA codes – NFPA 909 – Code for the protection of cultural resource properties – museums, libraries, and places of worship and NFPA 914 - Code for Fire Protection of Historic Structures. Greg's presentation opened a discussion about fire suppression in historic buildings. Russ Sanders mentioned the research project about the impact of fire extinguisher agents on cultural resource materials, founded by Fire Protection Research Foundation. The project final report will be prepared toward the end of June and will be available through NFPA web page.

7. NFPA Presentation 3: Fire prevention programs in USA – Lisa Braxton (attachment 3 and 3a) – Lisa introduce the NFPA prevention activities for general population and informed the commission about U.S. fire prevention week activities. The 2015 topic will be announced on June 1<sup>st</sup> 2015. More about fire prevention programs at NFPA: <http://www.nfpa.org/safety-information> the CFPA guidelines.

8. Influence of home detectors on fire safety and reducing of fire deaths and discussion about some detectors – Ales Jug (in behalf of Guy Weis) – Ales did a brief overview on document INSTALLATIONSPFLICHT FÜR EIMRAUCHWARNMELDER EINE KRITISCHE BETRACHTUNG (attachment 4). The discussion that was opened after the presentation was about critical selection of smoke detector. As it was seen from practical experiences, detection algorithm in ionization smoke detectors reacts faster to a modern plastic commodity fires that detection algorithm in optical (photo electric) smoke detectors.

Proposal 1: CTIF fire prevention commission will use an existing questionnaire where we'll add additional questions about smoke detector requirements and experiences at the CTIF member states (we'll try to include CFPA as well) - tasks (commission) – deadline: august 31<sup>st</sup> – tasks (Ilpo and Hans)

9. Hotel fire safety – Hans Andersson (attachment 5) showed an approach to increase fire safety measures in existing hotels. He discussed about incentives that leads to hotel fire safety performance analysis.

10. NFPA Fire Sprinkler Initiative Summit - Bringing Safety Home. CTIF Fire Prevention Commission members participated at the reception event for NFPA Fire Sprinkler Initiative Summit. The reception was welcomed by Jim Pauley, NFPA President and opening remarks by Stephen Coan, Massachusetts State Fire Marshal.

**Day 2 – May 13, 2015**

11. CTIF Fire Prevention Commission visited FM Global research campus, located in Chepachet, Rhode Island. After a short introduction, we visited large fire testing laboratory where we watched real fire sprinkler suppression experiment, when the burning of two equal high racks (one protected with sprinkler suppression system and other without protection) were compared. Real scale fire experiment was followed by visiting a natural hazards laboratory and dust explosion demonstration.

At the meeting after the tour, the commission opened a discussion about the importance of fire sprinkler protection and the importance of proper education and training for fire brigades.

Proposal 2: CTIF Fire Prevention Commission will organize a conference: Fire Sprinkler Systems from Fire Brigade Perspective - target group - fire chiefs and fire prevention officers - conference will cover topics such as: role of fire brigade while designing a sprinkler systems, general overview on sprinkler systems, risk reduction through installation of sprinkler systems, on site evaluation of sprinkler system, firefighters role in case of fire sprinkler operation, practical examples...etc. This will be a one day conference scheduled around our 2016 meeting (April 11 – 12).

Location: BRE in London, U.K. – tasks (Ales – I'll research our possibilities + commission).

**Day 3 – May 14, 2015**

12. The third meeting day started with the discussion about the importance of learning and training for different target groups.

Proposal 3: E-learning – the commission will prepare a backbone document with main topics that are from our perspective important for firefighters. The idea is to educate firefighters about different measures on active and passive fire protection systems (from firefighters perspective). We are aware that there are some quality materials already available. However the main idea is to create a platform where we'll be able to use some existing materials and hopefully develop some new as well – tasks (Ales with first draft until June 15 2015 + commission until August 31 2015)

13. Safe cities – Tatiana Eremina (attachment 6) – Tatiana presented initiative to establish a Safe city platform in Russia. They'll follow an international approach, define local stakeholders and emphasize fire safety measures.

Proposal 4: Safe cities – commission will connect with "Safe cities" and asses the possibilities how to include fire safety issues as one of the "Safe city" indexes. First contact will be established with CTIF in Japan. (Tatiana and Ales)

14. Fire protection and fire risk assessment in historic buildings – Natalia Tikhonova (attachment 7) – Natalia described Russian approach to fire protection measures for heritage buildings that based on NFPA and CIPA guidelines. She introduces a brief report on devastating fire which destroyed more than 6 million books in Moscow library.

15. Fire safety at home – presentation of new European standard (EN 50615:2015- Particular requirements for devices for fire prevention and suppression for electric hobs (cooktops)) for fire detection and suppression for

electric hobs – Ilpo Leino – Ilpo presented a novel approach in fire safety protection for cooktops. He introduces two products that are according to new standard and can be used to protect people in their homes (attachment 8).

16. Analysis of passive fire protection measures in real fires – Ales Jug (attachment 9) – Ales presented short analysis of passive fire protection measures performance in real fires that were performed by Slovenian National Building and Civil Engineering Institute.

17. Plans for the next meeting

Proposal 5: Commission members decide that in the future we'll have two meetings per year: one virtual meeting (through video conference) and one regular meeting.

Video conference: October 20, 2015 (2:00 PM CET)

As it was suggested, the commission will focus their activities to organize the 2016 meeting in London UK. Proposed meeting dates are April 11 – 12.

18. The chair of the Fire Prevention commission Ales Jug closed the meeting on Thursday May 14<sup>th</sup> at 12.30.

Worcester, Massachusetts, U.S.A., May 17<sup>th</sup> 2015

Ales Jug

