

COST Action C26: Urban Habitat Under Catastrophic Events

Working Group 1: Fire Resistance

Minutes of the meeting on 11 April 2008, held in Vilnius, Lithuania

Present

Abspoel R.	The Netherlands
Akos Torok	Hungary
Beatrice Faggiano	Italy
Darius Bacinstas	Lithuania
Emidio Nigro	Italy
Frantisek Wald	Czech Republic
Gintaris Kaklauskas	Lithuania
Hamid Bouchair	France
Ian Burgess	UK
Leslaw Kwasniewski	Poland
Markku Heinisuo	Finland
Martin Gillie	UK
Monika Hajpal	Hungary
Nuno Lopes	Portugal
Paulo Vila Real	Portugal
Raul Zaharia	Romania
Yong Wang	UK
Zenon Drabowicz	Poland

1. Introduction

The chairman of the WG, Frantisek Wald, opened the meeting and welcomed Monika Hajpal and Akos Torok from Hungary to join the WG. Akos Torok made a brief introduction to his University in Hungary and his research activities.

2. Technical sheets

The main item of discussion at the meeting was preparation of the Technical sheets for the WG1. It was agreed at the meeting that the scope and details of the technical sheets should be enhanced from the original 11 suggested technical sheets at the Timisoara meeting in October 2007. This will be achieved by having more than one technical sheet for some of the topics, if necessary, and by including an additional technical sheet on heat transfer. The new enhanced technical sheets are listed below. There are now 16 technical sheets for WG1. Changes are highlighted in red and italics. All members are inspecting to introduce their work into the Technical sheets.

	Topic of technical sheet	Coordinator/contributors
1	Overview of performance based design	<u>Wang</u> /Wald/Burgess/ Heinisuo
2	Fire modelling	<u>Gillie</u> /Santiago/Wang
3	Material properties	<u>Pintea</u> /Kaliske/Bacinkas/Török/
4a	Member behaviour and analysis	<u>Thomopoulos</u> / <u>Bouchair</u>
4b	<u>Member design</u>	<u>Lopes</u> /Drabowicz/Veljkovic/VilaReal/ <u>Bouchair</u>
5a	Introduction to connection <u>behaviour and analysis</u>	<u>Burgess</u> /Davison/Wang/Wald/Santiago
5b	<u>Component based method</u> for connection behaviour and analysis	<u>Burgess</u> /Davison/Wang/Wald/Santiago
6a	<u>Introduction</u> to global analysis in fire	<u>Gillie</u> /Kwasniewski/Datoussaïd
6b	<u>Bench marks</u> to global analysis in fire	<u>Gillie</u> /Kwasniewski/Datoussaïd
7a	<u>Risk and management in case of</u> fire after earthquake	<u>Faggiano</u> /Zaharia/Pintea
7b	<u>Structural analysis in case of</u> fire after earthquake	<u>Faggiano</u> /Zaharia/Pintea
8	Fire resistance design in Europe	<u>Heinisuo</u> /all members
9	Existing buildings and fire design	<u>Nigro</u> /Hajpál/All members
10	Fire damaged buildings	<u>Wang</u> /Török/Wald
11	Horizontal forces during fire	<u>Wald</u> /Sokol
12	<u>Heat transfer analysis</u>	<u>Wang</u> / <u>Wald</u>

The deadline for completing a draft of each technical sheet is 15 June 2008. The draft completed by coordinator should be sent to the Chairman of WG1, Frantisek Wald in doc and pdf file.

The coordinator of each technical sheet is responsible for delivering the technical sheet.

Heinisuo will send to representatives of all COST C26 participating countries the questionnaire he has prepared for technical sheet No. 8 and will chase the representatives to ensure that each country has at least one completed questionnaire.

Nigro will send to representatives of all COST C26 participating countries the questionnaire he has prepared for technical sheet No. 9 and will chase the representatives to ensure that each country has at least one completed questionnaire.

This WG will make ten presentations at the COST C26 Malta Symposium on 23-25 October 2008 which will be based on the above technical sheets. Frantisek Wald and Yong Wang will discuss to ensure that the 10 presentations cover contents of all the above technical sheets and all members of the WG will present their work.

It was agreed that WG1 will invite two external experts to give keynote presentations at the Malta Symposium. Ian Burgess will invite Paul Jenkins from London Fire Brigade and Frantisek Wald will invite M. Kaiser from the Czech Building Authority.

3. Lexicon activity

Since the meeting at Timisoara in October 2008, Yong Wang had not received any comments on the draft Lexicon of WG1 he presented at the Timisoara meeting. He will re-send the draft Lexicon to all WG1 members. The deadline for receiving comments from WG1 members is 30 April 2008.

4. Conference on Applications of Structural Fire Engineering

Frantisek Wald distributed brochures for the Conference on Applications of Structural Fire Engineering, to be held 19-20 February 2009, Praha. He encouraged all WG1 members to distribute the brochures to others and to attend the Conference. The electronic version will be distributed with this Minutes.

5. STSM

There is one STSM available. Yong Wang will send Mr. Henry He, PhD student, from Manchester to Prague.

6. Next activity

The next activity of the WG1 will focus based on MOA more to

- Existing buildings
- Cooperation to public authorities
- Benchmarks
- Key studies
- Ongoing project in the field
- Preparation of EU project
- Preparation of next COST action

7. Next meetings

The next meeting of the WG will be held at Malta 23-25.10.2008

The next one in Praha 18.2.–20.2.2009, www.fsv.cvut.cz/eurofiredesign

The next one in Roma 21.6.-24.6.2009, <http://www.prohitech.com/>

Yong Wang
12.4.2008

The action page is

<http://www.civ.uth.gr/cost-c26/>

Where you may find all our WG activity materials. Alternatively at

http://people.fsv.cvut.cz/~wald/COST_C26_Prague/Index.htm