

COST Action C26: Urban Habitat Under Catastrophic Events

Working Group 1: Fire Resistance

Minutes of the meeting on 26-27 October, 2007, held in Timisoara, Romania

Present:

Raul Zaharia	Romania
Dan Pintea	Romania
Beatrice Faggiano	Italy
Emidio Nigro	Italy
Martin Gillie	UK
Yong Wang	UK
Leslaw Kwasniewski	Poland
Zenon Drabowicz	Poland
Markku Heinisuo	Finland
Hamid Bouchair	France
Aldina Santiago	Portugal
Nuno Lopes	Portugal
Darius Bacinstas	Lithuania
Viktor Gribniak	Lithuania
Gintaris Kaklauskas	Lithuania
Frantisek Wald	Czech Republic

Apologies

Monika Hajpal	Hungary
Akos Torok	Hungary
Buick Davison	UK

1. As the chairman of the WG, Frantisek Wald, was late for the meeting, the vice-chairman of the WG, Yong Wang, opened the meeting and welcomed all. This was followed by introductions from new members of the WG, Emidio Nigro (Italy) and Markku Heinisuo (Finland). The two Hungarian members (Monika Hajpal, Akos Torok) sent their apologies and a copy of four papers.
2. Yong Wang presented a draft version of the lexicon for WG1. The terms and definitions are based on those in the fire parts of EN 1991 – EN 1996. The slides are based on the PPT file of Eurocode teaching materials (lecture 19) and some of his own teaching materials. Access to the lexicon will be through the WG website. All are encouraged to consider additional terms to be included as well as new/revised slides. Comments should be sent to Yong Wang for final incorporation into the lexicon.

Action: all

3. The main item of discussion at the meeting was preparation of the technical sheets for the WG. It was agreed that WG1 would produce the following 11 technical sheets, one each for the six topics (topics 2-7 below) identified at the meeting in Delft on 17-18 November 2006 plus one each for the five additional topics (1, 8-11) below. The table below lists the 11 topics and possible contributors to each technical sheet. The first name is the

coordinator of each technical sheet. Each coordinator should organise contributions to the technical sheet from other members of the WG.

Topic of technical sheet	Coordinator
1. Overview of performance based design	Wald/Wang/ Heinisuo
2. Fire modelling	Wang/Santiago/Franssen
3. Material properties	Zaharia/Kaliske/Bacinkas/Török/ Thomopoulos
4. Member behaviour and analysis	Lopes/Drabowicz/Veljkovic/VilaReal/Both
5. Connection behaviour and analysis	Burgess/Davison/Wang/Wald/Santiago
6. Global analysis	Gillie/Kwasniewski/Datoussaïd
7. Fire after earthquake	Faggiano/Pintea
8. Fire resistance design in Europe	Heinisuo/all members
9. Existing buildings and fire design	Nigro/Hajpál/All members
10. Fire damaged buildings	Wang/Török/Wald
11. Robustness	Wald/Sokol

The deadline for completing a draft of each technical sheet is one week before the next COST Action C26 seminar in Lilnius, Lithuania on 11 and 12 April 2008. Completed draft of the technical sheet should be sent to the chairman of the WG, Frantisek Wald.

The technical sheets should be in accordance with the format circulated before the meeting, but there is flexibility to make minor changes to the format. Whilst there is no specification of page length for each technical sheet, it is expected each technical sheet would be 5-10 pages. The technical sheet is not intended to be a research paper. It is more likely to be a state of the art review in the field to help the reader find more detailed information.

Action: all

4. There was a brief discussion about engaging the public authorities, as partial fulfilment of the Memorandum of Understanding of this COST action. Yong Wang suggested inviting someone from the fire authority who is an expert in fire engineering to attend the seminar in Lilnius, Lithuania on 11-12 April 2008.

Action: Y Wang

5. Robustness in fire was briefly discussed. It was considered at the meeting that the meaning and implication of robustness to fire resistance was not particularly clear. It was suggested that all should present a summary of their work on robustness at the seminar in Lilnius on 11 and 12 April 2008.

Action: all