

3rd Working Group and 4th Management Committee Meetings

COST Action TU0601 Robustness of Structures

2nd and 3rd of March 2009

Coimbra, Portugal

Local Organizer

Prof. Eduardo Julio

Department of Civil Engineering
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Action Chair

Prof. Michael Faber

Institute of Structural Engineering (IBK)
ETH Zurich
HIL E23.3, Wolfgang-Pauli-Str. 15
CH-8093 Zurich
Switzerland

Meeting Venue

Department of Civil Engineering
Faculty of Sciences and Technology
University of Coimbra
Rua Luis Reis Santos (Polo II)
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PROGRAM

DAY 1: MARCH 2, 2009 – MONDAY

08:30 – 09:00	Registration	}	Michael Faber
09:00 – 09:30	Welcome and introductory remarks		
	Status of the Action – MoU and Deliverables		
	Summary of Action Plan		
	Approval of the agenda		
	Approval of the minutes of the MC and WG meetings in Timisoara		

Session 1 : Report of WG leaders on current state and progress of work

Time : 09:30 – 11:00

Speaker	Title of Presentation
John Sorensen	WG 1 – Theoretical and methodological framework
Ton Vrouwenvelder	WG 2 – Modelling of exposures and vulnerability
Marios Chryssanthopoulos	WG 3 – Robustness assessment and implementation
Radu Bancila	Activity 1 – Collection, preparation and analysis of information

11:00 – 11:30 **Break**

Session 2 : Invited presentation and discussion

Time : 11:30 – 13:00

Chair : Michael Faber

Speaker	Title of Presentation
Uwe Starossek (Hamburg University of Technology, Germany)	Collapse types and robustness measures
Fahim Sadek (National Institute of Standards and Technology, USA)	NIST research on structural robustness and mitigation of progressive collapse: Recent advances
Discussion	

13:00 – 14:00 **Lunch**

Session 3 : Management Committee (MC) Meeting

Time : 14:00 – 14:45

Chair : Michael Faber

Administration and financial matters
Information/report from the COST Office
Organization of Task Group (TG) for dissemination activities
Miscellaneous

**Session 4 : Parallel Working Group (WG) Meetings – Discussion, presentation and planning of work
Focus on WG specific tasks**

Time : 14:45 – 16:00

WG 1 Meeting

Chair : John Sorensen

WG 2 Meeting

Chair : Ton Vrouwenvelder

WG 3 Meeting

Chair : Marios Chryssanthopoulos

16:00 – 16:30 Coffee Break

**Session 4 : Parallel Working Group (WG) Meetings – Discussion, presentation and planning of work
Focus on WG specific tasks**

Time : 16:30 – 17:30

WG 1 Meeting

Chair : John Sorensen

WG 2 Meeting

Chair : Ton Vrouwenvelder

WG 3 Meeting

Chair : Marios Chryssanthopoulos

Walking tour of Coimbra

Time : 18:00

Dinner

Time : 19:30

Venue : Restaurante A Portuguesa

Avenida da Lousã

Parque Verde do Mondego Docas - Coimbra

DAY 2: MARCH 3, 2009 – TUESDAY

**Session 5 : Parallel Working Group (WG) Meetings – Discussion, presentation and planning of work
Focus on contributions to dissemination task group**

Time : 08:30 – 10:30

WG 1 Meeting

Chair : John Sorensen

WG 2 Meeting

Chair : Ton Vrouwenvelder

WG 3 Meeting

Chair : Marios Chryssanthopoulos

10:30 – 11:00 Coffee Break

Session 6 : Report of WG leaders on future work

Time : 11:00 – 12:30

Speaker	Title of Presentation
John Sorensen	WG 1 – Theoretical and methodological framework WG specific tasks Contributions to dissemination task group
Ton Vrouwenvelder	WG 2 – Modelling of exposures and vulnerability WG specific tasks Contributions to dissemination task group
Marios Chryssanthopoulos	WG 3 – Robustness assessment and implementation WG specific tasks Contributions to dissemination task group

12:30 – 13:30 Lunch

Session 7 : Presentations and discussion of methodological / theoretical / practical aspects related to robustness

Time : 13:30 – 15:00

Chair : Michael Faber

Speaker	Title of Presentation
Leslaw Kwasniewski and Marian Gizejowski	An example of finite element modelling of progressive collapse
Harikrishna Narasimhan, Luca Garrè and Michael Faber	Evaluation of robustness for structures – some recent results
Boulent Imam	Probabilistic robustness assessment of steel bridges
Lars Rölle	Ductility of connections – a measure to improve redundancy
Selcuk Toprak	Vulnerability assessment for pipelines

15:00 – 15:30 Coffee Break

Session 7 (contd.) : Presentations and discussion of methodological / theoretical / practical aspects related to robustness

Time : 15:30 – 16:30
Chair : Michael Faber

Speaker	Title of Presentation
Lucia Faravelli and Sara Casciati	Robustness versus structural monitoring
Fabio Casciati and Pietro Baratono	The robustness concept in general guidelines
Michael Faber and Enrico Rizzuto	Further thoughts on robustness
Discussion	

Session 8 : Planning of next Workshop of the Action
Time : 16:30 – 17:30
Chair : Michael Faber
