

6th Working Group and 8th Management Committee Meetings

COST Action TU0601 Robustness of Structures

4th and 5th of October 2010

Copenhagen, Denmark

Local Organizer

Dr. Inger Birgitte Kroon

Bridge, Tunnel and Marine Structures
COWI A/S
Parallevej 2
2800 Kongens Lyngby
Denmark

Action Chair

Prof. Michael Faber

Institute of Structural Engineering (IBK)
ETH Zurich
HIL E14.1, Wolfgang-Pauli-Str. 15
8093 Zurich
Switzerland

Meeting Venue

Bridge, Tunnel and Marine Structures
COWI A/S
Parallevej 2
2800 Kongens Lyngby
Denmark

PROGRAM

DAY 1: OCTOBER 4, 2010 – MONDAY

09:00 – 09:15	Registration	}	Michael Faber
09:15 – 09:30	Welcome and introductory remarks		
	Status of the Action – MoU and Deliverables		
	Summary of Action Plan		
	Approval of the agenda and meeting program		

Session 1 : Invited presentation and discussion

Time : 09:30 – 10:30

Chair : Michael Faber

Speaker	Title of Presentation
Shalva Marjanishvili (Hinman Consulting Engineers, USA)	Structural robustness in progressive collapse mitigation
Discussion	

10:30 – 11:00 Break

Session 2 : Management Committee (MC) Meeting – I

Time : 11:00 – 13:00

Chair : Michael Faber

Approval of the agenda for MC meeting
Approval of the minutes of the MC meeting in Brussels
Administration and financial matters
Information/report from the COST Office
Cooperation with related COST Actions
Short Term Scientific Missions (STSM)
Planning of final conference
Planning of summer training school

13:00 – 14:00 Lunch

Session 3 : Report of WG leaders on current state and progress of work

Time : 14:00 – 15:00

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

Session 4 : Parallel Working Group (WG) Meetings – Discussion, presentation and planning of work

WG specific tasks

Contributions to final conference and summer training school

Time : 15:00 – 16:30

WG 1 Meeting

Chair : John Sorensen

WG 2 Meeting

Chair : Ton Vrouwenvelder

WG 3 Meeting

Chair : Marios Chryssanthopoulos

16:30 – 17:00 Break

Session 5 : Discussion on identified topics

Overlap with similar activities and reporting in COST E 55

Example / case study of robustness analysis of a structure – organization and coordination between WG 2 and WG 3

Issues associated with modeling of consequences

Implementation of robustness in codes

Other important issues for the Action

Time : 17:00 – 18:00

Chair : Michael Faber

Dinner

Time : 19:30

Venue : to be announced

DAY 2: OCTOBER 5, 2010 – TUESDAY

Session 6 : Parallel Working Group (WG) Meetings – Discussion, presentation and planning of work

WG specific tasks

Contributions to final conference and summer training school

Time : 09:00 – 11:00

WG 1 Meeting

Chair : John Sorensen

WG 2 Meeting

Chair : Ton Vrouwenvelder

WG 3 Meeting

Chair : Marios Chryssanthopoulos

11:00 – 11:30 Break

Session 7 : Member presentations and discussion

Time : 11:30 – 12:30

Chair : Ton Vrouwenvelder

Speaker	Title of Presentation
Marco Haberland	Disproportionate collapse: Terminology and procedures
Leslaw Kwasniewski	A feasibility study on modeling blast loading using ALE formulation
Boulent Imam	Robustness assessment of metallic bridges: time and network influences
Discussion	

12:30 – 13:30 Lunch

Session 8 : Report of WG leaders on future work

Time : 13:30 – 14:30

Speaker	Title of Presentation
John Sorensen	WG 1 – Theoretical and methodological framework WG specific tasks Contributions to final conference and summer training school
Ton Vrouwenvelder	WG 2 – Modelling of exposures and vulnerability WG specific tasks Contributions to final conference and summer training school
Marios Chryssanthopoulos	WG 3 – Robustness assessment and implementation WG specific tasks Contributions to final conference and summer training school

Session 9 : Management Committee (MC) Meeting – II

Time : 14:30 – 16:30

Chair : Michael Faber

Review of work with reference to MoU and Deliverables

Planning of final conference

Planning of summer training school

Publications, dissemination and outreach activities

Miscellaneous

16:30 – 17:00 Break
