Wrap-up
presentation and discussion

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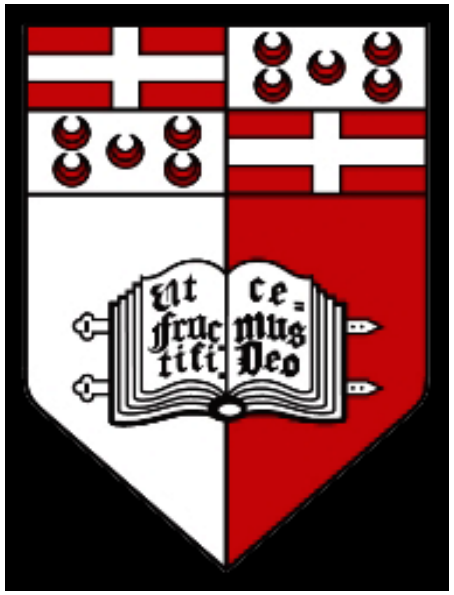
Objectives of the Training school

- Broaden the research background of the participants by
  - Introducing to the views of leading researchers and practitioners
  - Challenging to understand the research projects of fellow researchers
  - Interchange of information and opinion
- Formation of the next generation of leaders in fire engineering research and practice across Europe

Hosted



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Fire safety

- Safety demands – safety in Europe nationally managed
  - Determined by the specific experiences of each country
    - Political motivations for this approach
    - Similar processes having to be re-researched and re-invented country by country
- Safety requirements in case of fire based on the Construction Products Directive 89

The Construction Products Directive, Council Directive 89/106/EEC, 1989, URL: ec.europa.eu

Presentations

- Safety requirements, in Annex I of the Directive
  - Mechanical resistance and stability
  - Fire safety – Lectures to development of knowledge in
    - The load-bearing capacity for a specific period of time
    - The generation and spread of fire and smoke within the works are limited
    - The spread of the fire to neighbouring construction works is limited
    - Occupants can leave the works or be rescued by other means
    - The safety of rescue teams is taken into consideration

Discussion

- Interchange of information and opinion
- Understand the research projects of fellow researchers
- 21 presentations
  - Passive fire resistance — 16 projects
    - Retrofitting
    - Robustness
    - Composite
    - Fire after earthquake
  - Fire development — 3 projects
  - Risk assessment — 2 projects

Action Working Groups

- WG1 Fire Behaviour and Life Safety which focuses on the behaviour and effects of fire in buildings, combining this research-based knowledge with the most effective means of protecting human life against the occurrence of fire in the built environment.
- WG2 Structural safety which covers the response of different building types to fires and the rapidly developing research field of structural fire engineering, including new materials and technologies and passive protection measures.
- WG3 Integrated Design which brings together design, practice and research across the disciplines of fire in the built environment.

Action Work Packages

prepared / under development

WP1 State of the art report — 2010

Bring together the current state of research

WP2 Case study — 2011

Presenting current practice and accumulated knowledge

WP3 Fire brigade reports and investigations — 2012

Devising a method of extracting useful information

WP5 Dissemination — 2010-2014

Technical and non technical information outside of the Action

Action Work Packages

planned

WP4 Benchmarks studies 2013

Validation of different solutions, and establish appropriate levels of investigation

WP5 Dissemination 2010-2014

Technical and non technical information outside of the Action

WP6 Thought for Eurocodes upgrade 2013

Summary of national/EU projects for preparation of next generation of Eurocodes

WP7 Educational dimension 2013

To help with education of fire engineering across Europe

Planned Action activity

2014 Feb. 14-15	Meeting
2013 Oct. 11-12, Aveiro	Meeting
2013 Apr. 19-20, Prague	Conference
2012 Oct. 12-13, Roma/Naples	Meeting
2012 Local seminars	

Thank you
for comming

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