Welcome to

IVER MC meeting
Sliema
10-11 April 2012

uom

F. Wald,
Czech Technical University in Prague
## Programme

### Tuesday 10 April 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 15:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>15:00 – 15:15</td>
<td>Opening of the Meeting</td>
</tr>
<tr>
<td>15:15 – 17:00</td>
<td>Management Committee Meeting</td>
</tr>
<tr>
<td>17:00 – 17:30</td>
<td>Coffee break</td>
</tr>
<tr>
<td>17:30 – 19:00</td>
<td>Plenary WG´s meetings</td>
</tr>
<tr>
<td>19:00 – 21:00</td>
<td>Excursion Dinner</td>
</tr>
<tr>
<td></td>
<td>Mdina, Dinner at the Old Carmelite Priory</td>
</tr>
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</table>

### Wednesday 11 April 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>09:00 – 10:30</td>
<td>Plenary WG´s meeting</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11:00 – 13:00</td>
<td>Management Committee Meeting</td>
</tr>
<tr>
<td>13:00 – 14:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>Starts 14:00</td>
<td>TRAINING SCHOOL “Fire Engineering Research – Key Issues for the Future</td>
</tr>
<tr>
<td>Finishes</td>
<td></td>
</tr>
<tr>
<td>Saturday 14 April</td>
<td></td>
</tr>
</tbody>
</table>
MC Meeting Agenda

1. Welcome to the participants
2. Approval of the Agenda
3. Approval of the Minutes of the Chania 2011 MC meeting
4. Current budget available
5. Introductory remarks to Work Packages
6. Presentation of members to the contribution to WP3 Fire brigade reports and investigations
7. Progress report on Working Groups – Summary of WP3
8. WP6 Local Seminars 2012 - reporting
9. Discussion to WP7 Educational dimension
10. Preparation of Action Autumn meeting, 2012 – WP4 Benchmark studies
11. Preparation of Prague Conference 19-20 April, 2013 WP6 - Thought for Eurocodes upgrade
12. Short term scientific missions (STSM)
13. Preparation of next COST action, EU projects
14. AOB
15. Closure of the meeting
Welcome to the participants

Alfred Vella,
Prof. Pro-rector of the University of Malta

Alex Torpiano,
Prof. Dean, Faculty for the Built Environment

Nicholas Sammut,
Dr. Ing., CEO, MCST Malta Council Science and Technology

Janet Mifsud,
Dr. COST Malta

Ruben Paul Borg,
Eur. Ing, Department of Civil and Structural Engineering, University of Malta
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<table>
<thead>
<tr>
<th>Structure of budget</th>
<th>Plan</th>
<th>Reality</th>
<th>Estimation</th>
<th>Reality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meetings</td>
<td>84 400 €</td>
<td>Chania 38 500 €</td>
<td>Participants 37</td>
<td>29 580 €</td>
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<tr>
<td></td>
<td>Liema 45 900 €</td>
<td>Participants 35</td>
<td>28 000 €</td>
<td></td>
</tr>
<tr>
<td>Training school</td>
<td>9 900 €</td>
<td>27 trainees</td>
<td>30 000 €</td>
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<tr>
<td>STSM</td>
<td>7 200 €</td>
<td>6 STSM</td>
<td>7 200 €</td>
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</tr>
<tr>
<td>Dissemination</td>
<td>3 500 €</td>
<td>Publication, web</td>
<td>3 500 €</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Publication from Training school</td>
<td>1 000 €</td>
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<tr>
<td>SUM</td>
<td>105 000 €</td>
<td>84 400 €</td>
<td>68 700 €</td>
<td>29 580 €</td>
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<tr>
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<td></td>
<td></td>
<td>SUM</td>
<td>98 280 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core group meeting</td>
<td>6 720 €</td>
</tr>
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Worked packages
Chania 2011 MC meeting

2010  WP1 State of the art report
2011  WP2 Case study
2012  WP3 Fire brigade reports and investigations
2013  WP4 Benchmarks studies
2010-2014  WP5 Dissemination
2013  WP6 Thought for Eurocodes upgrade
2013  WP7 Educational dimension

COST IFER, NC and WG’s, Sliema, April 2012
Case studies 2011-12

- Finalised version
  - Edited by WG’s chairmans
  - and Kamila
  - Printed
  - Colour version on web
To Work Packages

- **WP3 - Fire brigade reports and investigations**
  - This meeting

- **WP4 - Benchmarks studies**
  - Per WG validation of different solutions

- **WP5 - Dissemination**
  - Non-technical information
  - Technical dissemination

- **WP6 - Thought for Eurocodes upgrade**
  - Summary of national/EU projects for preparation of next generation of Eurocodes

- **WP7 - Educational dimension**
  - To help with education of fire engineering across Europe by networking
Planned activity

2014 February 14-15  Meeting
2013 October 11-12, Aveiro  Meeting
2013 April 19-20, Prague  Conference
2012 October 12-13, Roma/Naples  Meeting
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Maslak Mariusz</td>
<td>Selected statistical data related to fire occurrences in Poland in 2010</td>
</tr>
<tr>
<td>2</td>
<td>Lacasta Ana</td>
<td>Collaboration with the Fire brigades of Catalonia to define new protocols to collect data from a fire</td>
</tr>
<tr>
<td>3</td>
<td>Klinzmann Christoph</td>
<td>Probabilistic model for fire department response</td>
</tr>
<tr>
<td>4</td>
<td>Biskup Krzestof</td>
<td>European fire statistics – An overview and practical directions</td>
</tr>
<tr>
<td>5</td>
<td>Block Florian</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Nigro Emidio</td>
<td>Fire brigade reports and investigations in Italy: Procedures and Statistics</td>
</tr>
<tr>
<td>7</td>
<td>Nigro Emidio</td>
<td>Fire brigade reports and investigations in Italy: Description or real fires and numerical simulations</td>
</tr>
<tr>
<td>8</td>
<td>Heinisuo Markku</td>
<td>Finnish rescue services, statistics 2005 - 2009</td>
</tr>
<tr>
<td>9</td>
<td>Rodrigues Joao Paulo</td>
<td>Statistical analysis of building fires in the city of Oporto from the fire brigade reports, 1996-2006</td>
</tr>
<tr>
<td>10</td>
<td>Couto Carlos</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Horova Kamila</td>
<td>Fire fighting on inclined coal handling bridge</td>
</tr>
<tr>
<td>12</td>
<td>Tsatsoulas Dimitrios</td>
<td>Investigation report on a wooden furniture industry fire</td>
</tr>
<tr>
<td>13</td>
<td>Peros Bernardin</td>
<td>Fire accident at the shopping centre in Zadar, Croatia</td>
</tr>
<tr>
<td></td>
<td>Presentations</td>
<td>Wednesday 9:00 - 11:00</td>
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</tr>
<tr>
<td>14</td>
<td>Bjegovic Dubravka</td>
<td>Fire brigade services and reports in the Republic of Croatia through the case study of fire occurred at the basement of the warehouse</td>
</tr>
<tr>
<td>15</td>
<td>Hajpál Monika</td>
<td>Analysis of tragic fire case in panel building of Miskolc</td>
</tr>
<tr>
<td>16</td>
<td>Kwasniewski Leslaw</td>
<td>Rescue operations in Poland - General description and examples</td>
</tr>
<tr>
<td>17</td>
<td>Król Pawel</td>
<td>Fire brigade tasks, reports and investigations in the Polish realities</td>
</tr>
<tr>
<td>18</td>
<td>Cvetkovska Meri</td>
<td>Crisis management centre and fire brigades in Republic of Macedonia</td>
</tr>
<tr>
<td>19</td>
<td>Cadoni Ezio</td>
<td>Advanced cementitious composites under dynamic loading and fire</td>
</tr>
<tr>
<td>20</td>
<td>Mistakidis Euripidis</td>
<td>Fire brigade services and reports in Greece</td>
</tr>
<tr>
<td>21</td>
<td>Kaiser Rudolf</td>
<td>Czech Republic statistics of active protection to passive fire resistance</td>
</tr>
<tr>
<td>22</td>
<td>Szilágyi Csaba</td>
<td>Study of a fire case within a panel flat</td>
</tr>
</tbody>
</table>
COST TU Domain evaluation

- Iceland meeting 4-5 July 2012 meeting

- Reporter

Prof. Gintaris Kaklauskas, Vilnius Gediminas Technical University, Lithuania

- Progress report 25 May
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WP7 Educational dimension

- Network
- EU programmes
  - Jean Monnet
  - Erasmus Mundus
- Help kindly offered by Dubravka Biegovic
WP6 Eurocodes upgrade

- Proposals for improvements
  - Based on local/European projects
    - Cooperation between the authorities of Europe countries
    - Help to introduce the latest research into standards

- For Autumn meeting
Dissemination

- Journal/Local seminars

- Info about the Action
  - Background materials on web from 2010

- Info about the Case study
  - Ian Burges kindly offered
    - Digest on web May 2012 based on Cases studies
Autumn meeting 2012 Oct. 12-13

WP3 Fire brigade reports and investigations

- Finalisation

WP4 Benchmark study

- Preparation
  - Selected agreed cases
  - Methodology in building regulations,
    Methodology in local European countries in building regulations for the verification of structural resistance in fire conditions
STSM

- Short term scientific missions – 6 researchers

- Two realised
  - Marcin Balcerzak, Eki Lehtimeki

- 5 till end of May

- One still free
Planned activity

2014 February 14-15, Dubrovnik  Meeting
2013 October 11-12, Aveiro  Meeting
2013 April 19-20, Prague  Conference
2012 October 8-9, Roma  Meeting
Thank you for coming.

František Wald
Czech Technical University in Prague