

Expression of interest for COST TU0904 Workshop Barcelona 5-6 July 2010

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**Presentation:**

*Numerical analyses and experimental tests on structural members in fire situation.*

Comparisons among single member, substructure and global structural fire analyses of composite steel-concrete frames and a detailed example of Fire Safety Engineering for open car parks are presented. Preliminary results of recent experimental fire tests on concrete slabs reinforced with FRP bars are also reported and discussed.

**Poster:**

*Fire resistance of concrete members reinforced with Fibre Reinforced Polymer bars.*

Results of the recent theoretical and experimental studies on concrete members reinforced with Fibre Reinforced Polymer bars in fire situation are presented.