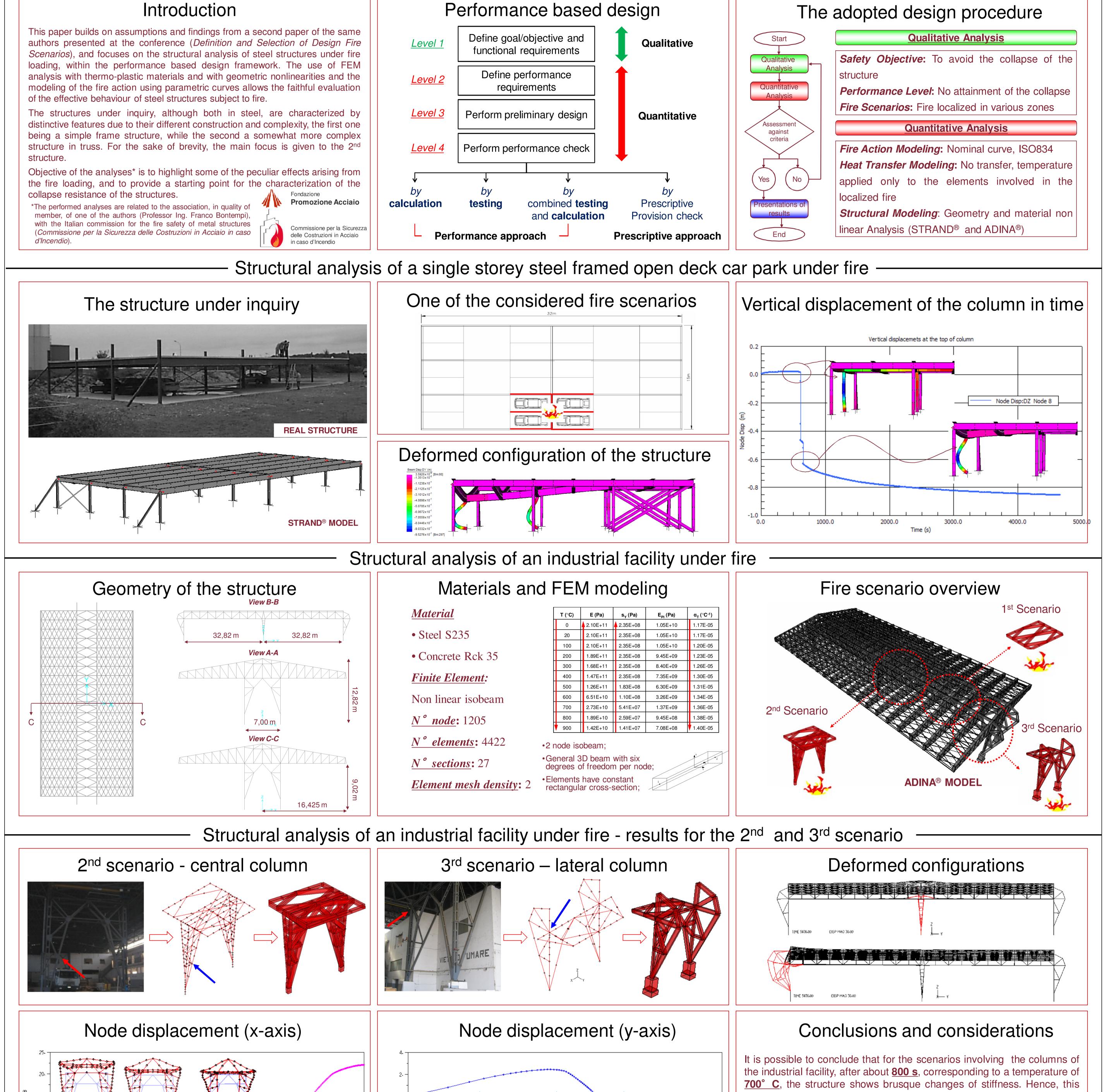


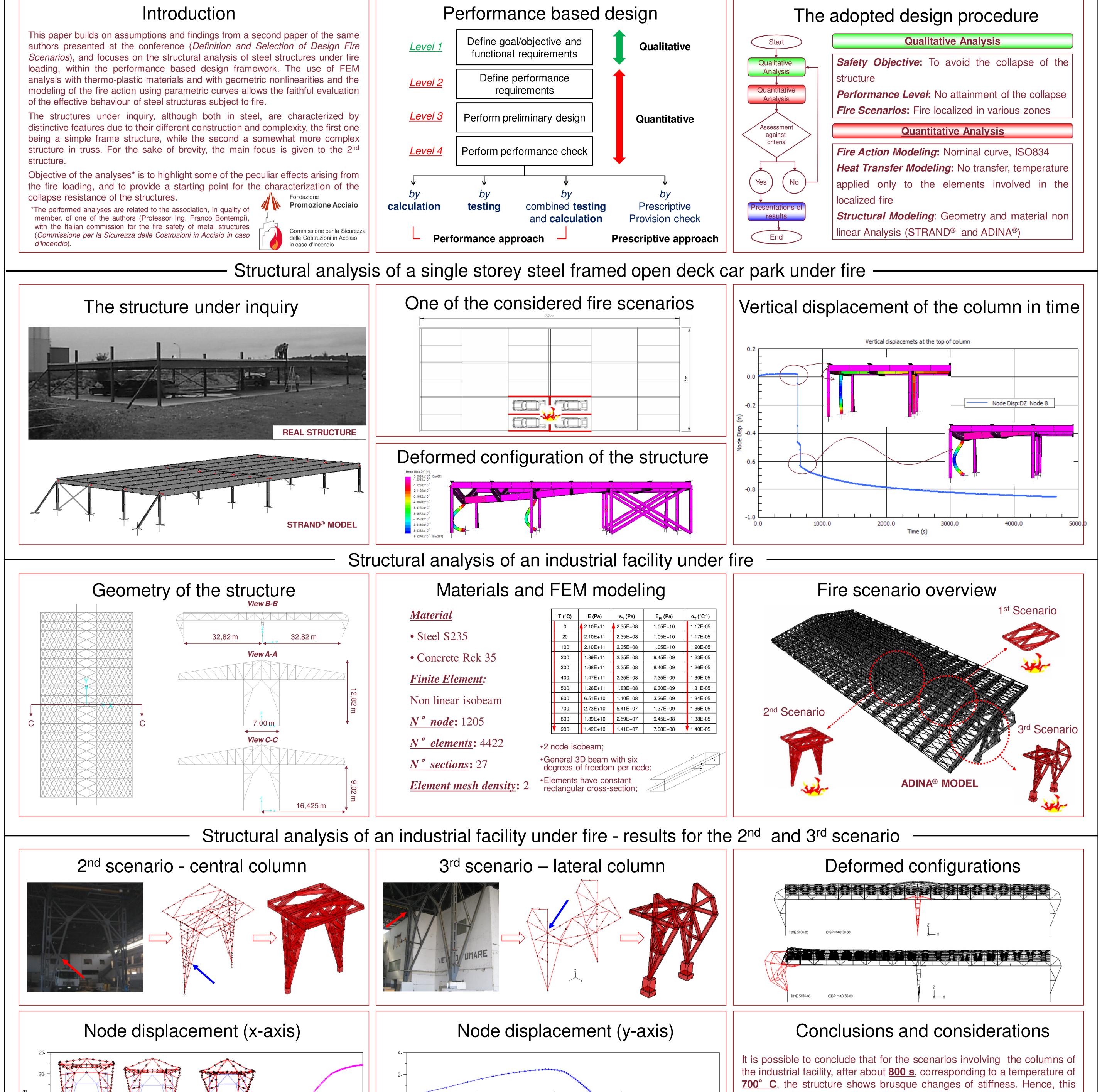
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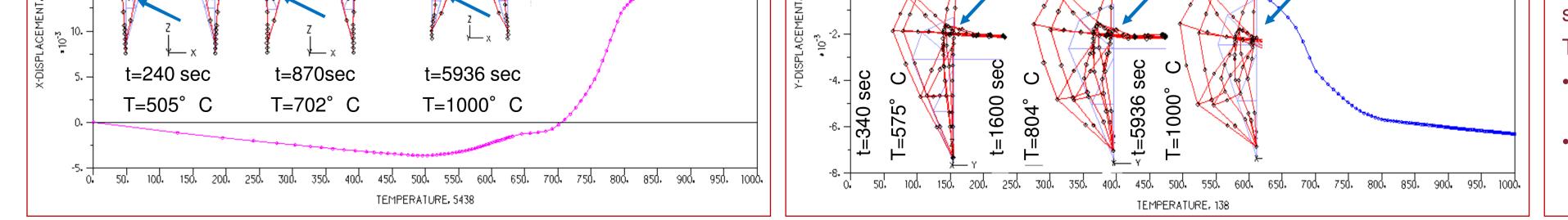
Prague 19-20 February 2009

Structural analysis of steel structures under fire loading – initial considerations

structure.







temperature represents a critical state corresponding to a less safe state regarding the stability of the structure.

These findings can be of help in order to:

· demonstrate and certify the performance of the structure in terms of resistance to fire (in the design phase);

• identify in a correct way the operations to obtain the pre-established performance requirements (in a retrofitting phase).

STRUCTURAL ANALYSIS OF STEEL STRUCTURES UNDER FIRE LOADING Chiara Crosti, Luisa Giuliani, Konstantinos Gkoumas, Franco Bontempi University of Rome "La Sapienza", School of Engineering, Rome, Italy

