

A Symposium on:
Computational structural and thermal safety engineering

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Abstract: Safety engineering concept provides detailed approaches to design, minimizing risks and preventing accidents. The development of national and international standards allows to design and build safer products, with consumer protection and environment control. Accidental action prevention in structures and elements due to a fire event must be understood to ensure thermal and structural safety design. Computational methods can be applied for the assessment of structural and thermal safety engineering systems.

The related areas for Symposium “Computational structural and thermal safety engineering” are: computational analysis using building materials, thermal analysis, structural analysis, structural engineering design and fire safety.