

A Symposium on:  
**Computational structural and thermal safety engineering**

In Conjunction with **SYMCOMP 2021**

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Promoted by:

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**Keywords:** computational methods, structural engineering, thermal engineering, fire safety

**Abstract:** Safety engineering concept provides detailed approximation to design, minimizing risks and preventing accidents. The development of national and international standards allows designing and building 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 the Symposium "Computational structural and thermal safety engineering" are: computational analysis using building materials, thermal analysis, structural analysis, structural engineering design and fire safety.