

Structural Integrity of Steel/FRP & Concrete Composite Structures

The ultimate capacity, fatigue performance, stability and durability behavior are very important to construction and maintenance of composite structures in the civil engineering field. The aim of this thematic symposia is to provide a discussion the topic related to the structural integrity of Steel/FRP & Concrete composite structures.

Related topics include:

- Fatigue life prediction, simulation and case studies
- Buckling analysis of innovative structures/components
- Reinforcement and retrofit of composite structure
- Bridge management, maintenance, safety and reliability
- Creep and shrinkage of innovative structures/components
- Durability of materials and innovative structures/components
- Failure analysis and case studies
- Performance degradation modeling and analysis
- Fatigue crack initiation and propagation

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