

### **Mini-symposium 7.3: Innovative sustainable and resilient structures**

**Organisers:** Cyril Douthe & Carlos Lazaro

This session welcomes papers on structural systems and design, emphasising innovative ways to achieve resiliency and sustainability. The novelty may refer to all aspects of structural engineering, from structural morphology and design strategies to computational or constructional methods. Contributions may focus on various applications, including, but not restricted to, civil engineering structures, energy infrastructures and buildings. Some examples of possible topics are resource-efficient lightweight structures, strategies for structural design with reused elements, adaptive structural systems for enhanced resilience, and strategies for designing resilient structures against extraordinary actions... This mini-symposium shall hence contribute to bridging the gap between academia and design practice with leading-edge scientific and engineering methods to improve the built environment's quality.