

COMPOSITE AND HYBRID STRUCTURES

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The interest to composite and hybrid structures is more and more growing in the field of civil constructions, matching several benefits from the combined materials, involving, among other, structural performances, easiness of realization, sustainability, cost effectiveness. Indeed, they are particularly challenging. The design and analysis, especially under seismic conditions, still requires the definition of robust models and approaches. The special session intends to bring attention to composite and hybrid structural solutions, consisting in possible combination of steel, concrete, timber and glass. Fitting themes include studies and researches on composite members and elements, global structural systems and connections. Similarly, contributions either on conception, performances evaluation, design and standards issues, or on proposal and validation of new approaches, or case studies, are particularly appreciated.