16th World Congress on Computational Mechanics and 4th Pan American Congress on Computational Mechanics

July 21-26, 2024, Vancouver Convention Centre, Vancouver, British Columbia, Canada

ADVANCED ANALYSIS OF STEEL AND STEEL-CONCRETE COMPOSITE STRUCTURES

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MINISYMPOSIUM

The aim of this mini-symposium is to summarize the progress in theoretical, computational and experimental research in the field of structural analysis of steel and steel-concrete composite structures. Special emphasis is always given to new concepts and procedures concerning the computational modelling, structural analysis and design of steel and steel-concrete composite structures. Topics of interest include static and dynamic analysis, fatigue analysis, seismic analysis, vibration control, stability design, structural connections, cold-formed members, bridges and footbridges, fire engineering, trusses, tower and masts, linear and nonlinear structural dynamics and soil-structure interaction. Papers of all research areas related to, theoretical, numerical and experimental aspects concerning the computational modelling, analysis and design of steel and steel-concrete composite structures are very welcome.