

## ***MS-29 Damage in structural systems: innovative computational approaches***

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The development of nonlinear analysis and simulation strategies for the study of damage evolution in structural systems is becoming increasingly sensible in many fields of mechanics and engineering. These analyses must be supported by suitable damage models, whose formulation still represents an important challenge with several open issues.

The mini-symposium "Damage in structural systems: innovative computational approaches" welcomes contributions concerning newly proposed computational approaches for the nonlinear analysis of structural systems with damage. Relevant fields include damage detection and identification techniques, algorithms for damage implementation in Finite Elements, multiscale systems and micromechanics.