

## **Stability issues in numerical structural mechanics (quasi-static and transient analysis)**

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This mini symposium is specially devoted to the understanding and consecutive control of instabilities arising in the numerical modeling in solid mechanics. Contributions in the following topics are expected:

New results in non linear stability buckling type modeling

Effects of instabilities on change of scale modeling: definition of appropriate REV for such issues.

Instabilities detection and control in linear and non linear isogeometric and finite element technologies

Instabilities for non linear time integration schemes

Stability issues for sub domain coupling strategies

Multi-physics instability detection and control.