LARGE DEFORMATION PROBLEMS.
FUNDAMENTALS AND APPLICATIONS

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ABSTRACT

The Invited Mini Symposium aims to bring together researchers to present and discuss state-of-the-art mathematical and numerical methods, computational techniques, as well as problems involving large deformations with applications in Mechanics or Biomechanics.

Topics of the invited Mini Symposium will include, but will not be restricted to:

-   Mathematical formulations
-   Numerical methods
-   Solution strategies and numerical implementation issues
-   Constitutive modeling
-   Forming problems
-   Crash and Impact simulations
-   Coupled problems
-   Multiphysics, Multiscale & Fluid-Structure Interactions
-   Large-scale simulations and High Performance Computing
-   Meshing, remeshing and ALE techniques
-   Contact problems
-   Biomechanics