

Minisymposium 117:
Mathematical Foundations of Computational Mechanics

Organizers:

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This minisymposium on Mathematical Foundations of Computational Mechanics is motivated by the success of a former session during the WCCM V in Vienna. This minisymposium will highlight recent advances in the study of mathematical foundations of computational mechanics. The topics range from structural to solid mechanics and concern the mathematical analysis of numerical discretisations and algorithms for efficient and reliable simulations. A list of particular topics discussed is expected to include fast solvers, adaptive algorithms, non-standard finite element methods.