

MS Nonlinear mechanics of beam, plate, membrane and shell structures: models and methods

Simon R. Eugster (University of Stuttgart, Germany), Josef Kiendl (Universität der Bundeswehr München, Germany), Jarkko Niiranen (Aalto University, Finland) and Leopoldo Greco (Università degli Studi di Catania, Italy)

The mini-symposium focuses on theoretical, numerical and experimental research in nonlinear structural mechanics. To name a few topics, we particularly welcome contributions on numerical methods for static, dynamic and instability analysis; form finding methods; generalized beam and shell theories; experimental studies of largely deformable structures; as well as meso-scale modeling of micro-structured continua.