



Dynamic Performance and Response of Composite Based Structures

Guest Editors:

Dr. Maurizio Arena

Department of Industrial
Engineering, Aerospace Section
University of Naples “Federico II”,
80125 Naples, Italy

Prof. Dr. Massimo Viscardi

Department of Industrial
Engineering, Aerospace Section
University of Naples “Federico II”,
80125 Naples, Italy

Message from the Guest Editors

In perspective of optimizing transport systems making them increasingly sustainable, novel structural concepts should be introduced relying on a much more “composite thinking” philosophy. Looking at the new generation of means of transport (aerospace, naval, rail...) where the design requirements are becoming increasingly stringent, this Special Issue is intended to collect the most recent outcomes (case studies, models, formulations) as well as in-depth reviews on engineering strategies and interesting applications for the improvement of dynamic performance of the composite based structures including: acoustic, vibration, fatigue, impact strength properties and so on.

Deadline for manuscript
submissions:

closed (30 April 2023)

