

Special Issue

Composite Materials in Modern Transport Machinery

Message from the Guest Editors

Nowadays, composite materials play a critical and pivotal role across all sectors of the transport industry, from automotive and railway to marine and aerospace. Their wide range of applications stems from several advantageous properties, including low weight, high stiffness and strength, excellent vibration damping, and strong resistance to corrosion. This Special Issue aims to collate both original research and review papers that address recent developments and emerging trends in the use of composites for transport machinery. It seeks to provide a comprehensive platform for researchers, engineers, and industry professionals to share their knowledge, insights, and practical experiences. Topics of interest include, but are not limited to, novel composite materials, advanced manufacturing techniques, structural design and analysis, durability and fatigue performance, and case studies of real-world implementations. The goal is to foster interdisciplinary dialogue and accelerate innovation in the application of composites across the evolving landscape of transport technologies.

Guest Editors

Dr. Mykola Karpenko

Dr. Michał Stosiak

Prof. Dr. Artur Kierzkowski

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Machines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
machines@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE - Electromechatronic Systems Research Centre, University of
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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