



Applied Materials and Joining Technology in Mechanical Engineering

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Message from the Guest Editors

In the ever-evolving field of mechanical engineering, materials and joining technologies play a crucial role in shaping various products and systems' design, implementation, and sustainability.

The main goal of our Special Issue is to collect the latest developments in the field of advanced materials and joining technologies, including their applications in mechanical engineering. It was proposed that such a general title would cover a wide range of materials and technologies for producing structural elements, both conventional (casting, forming, milling, and turning) and innovative (hybrid and additive manufacturing), as well as various joining technologies (welding, friction welding, explosive joining). Innovative research results focused on different materials and joining technologies will be of interest to all important industries, such as heavy industry and the automotive, aviation, and aerospace industries.





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Message from the Editor-in-Chief

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