

Special Issue

Hybrid Energy Field Manufacturing Technology for Difficult-to-Machine Materials

Message from the Guest Editors

Difficult-to-machine materials such as high-temperature alloys and other high-strength and ductile materials, ceramics, hard and brittle glass materials, and composite materials with both high hardness and high toughness are widely used in aerospace, marine equipment, intelligent terminals, biomedical and other fields. However, their low damage and efficient processing have always been common challenges. Hybrid-energy-field machining technology provides new ideas for solving the above problems. The purpose of this Special Issue is to showcase the new technological achievements and research progress in the field of hybrid-energy-field composite manufacturing, laser-induced plasma machining, magnetic field assisted electrical machining, laser-assisted cutting machining, ultrasound-assisted hot-pressing forming, and other composite special energy field manufacturing technologies. We look forward to receiving your submissions!

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Editor-in-Chief

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