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## Dynamic Behavior of Advanced Materials and Structures

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### Message from the Guest Editors

The dynamic behavior of materials and structures is a vibrant branch of mechanics and materials science that has important application background in aerospace, traffic engineering and many other industry fields. With the rapid development of manufacturing technology in recent years, a series of advanced materials and structures with excellent properties have emerged, and their nonlinear mechanical behavior as well as multi-scale failure mechanism under impact loads have attracted extensive attention.

The scope of this Special Issue includes theoretical, numerical and experimental research on the dynamic mechanical behavior of additively manufactured metamaterials, high-entropy alloys, amorphous alloys as well as some other advanced engineering materials and structures within a wide range of strain rates. The Issue's scope also includes investigations on the multiscale design for protective properties of materials and structures under intense loading.





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## Message from the Editorial Board

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