



Metal Composites, Volume II

Guest Editor:

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Message from the Guest Editor

Metal composites are of particular interest due to their potential to produce novel materials with unique tailor-made properties and improved performance compared with conventional materials, facilitating the aim of reducing the overall weight of the components. It offers a unique dimension in tailoring properties through careful selection of type, size, and amount of reinforcement. The dispersed phase (reinforcement) can be metal, ceramic, or polymers that are present in a variety of different morphologies, such as fibers, whiskers, particles, or platelets. The properties of metal composites, therefore, can be tailored based on the demand and end applications. In view of the dynamic capabilities that can be exhibited by metal composites, this Special Issue will cover all aspects including synthesis (solid, liquid, 2-phase, and 3D printing), secondary processing, properties (tensile, compressive, fatigue, impact, creep, tribological, etc.), corrosion behavior, and joining techniques. The main objective, thus, will be to bring the latest results in the area of metal composites to the research community worldwide.

