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Biomimetic Composites and Design

Guest Editor:

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Deadline for manuscript submissions:

closed (20 March 2022)

Message from the Guest Editor

The Special Issue, "Biomimetic Composites and Design", will elucidate the latest advances in composite materials and design as inspired by biological materials, systems and connections. Original research papers, short communications presenting emerging techniques and review articles are solicited for this Special Issue, with particular focus in the following areas: Mechanical behaviour and properties (stress/strain/time relationships) of engineered biomimetic composites/joints, or natural biological materials/composites; Characterisation (material/chemical/physical) of biomimetic composites or biological materials in relation to mechanical behaviour; Fracture, failure and plasticity of biomimetic composites or biological materials; Geometrical design of biological materials or biomimetic materials/composites in relation to mechanical behaviour; The design of biomimetic engineered joints or natural biological joints in relation to mechanical behaviour; 3D printing/additive manufacturing of biomimetic geometries, biomimetic joints, or the geometrical design of biomimetic composites......













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Message from the Editor-in-Chief

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