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## Advances in Biomimetic Composites and Design

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Deadline for manuscript  
submissions:  
**closed (20 July 2023)**

### Message from the Guest Editor

Dear Colleagues,

The Special Issue mainly contains :

- Mechanical behaviour and properties of natural biological materials, or engineered biomimetic materials;
- Characterisation of biomimetic composites or biological materials in relation to mechanical behaviour;
- Fracture, failure and plasticity of biomimetic materials or biological materials;
- Geometrical design of biological materials or biomimetic materials in relation to mechanical behaviour;
- The design of biomimetic materials 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;
- Mechanical behaviour of cellular solids;
- Long-term fatigue/creep/wear of engineered biomimetic composites or natural biological materials;
- Novel measurement and modelling techniques to determine the mechanical behaviour and properties of engineered biomimetic composites and natural biological materials;
- Correlations between morphology/geometry and mechanics in terms of properties and behaviour.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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