**Mini-symposium Title**

Computational physics and mechanics of biological and bio-inspired structural materials

**Description**

The development of computational physics and computational mechanics have been boosted in the recent decades due to the advancement of the high performance computing chipset and the requirement in sciences and engineering. It gives an impetus to use the computational way to explore physics and mechanics in many fields. Therefore, the progress of the computational methods and computational modelling is rapidly. This MS provides a platform for researchers to exchange his/her work which is especially related to but not limited to computational physics and computational mechanics of biological and bio-inspired structural materials. The computational method includes not only the continuum-based but also the particle-based approach whereas the computational modelling contains single-scale as well as multi-scale simulations.

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