



## Structure Formation and Dynamics of Semiflexible Macromolecules

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Deadline for manuscript  
submissions:

**closed (31 May 2020)**

### Message from the Guest Editor

Semiflexible polymers are ubiquitous as constituents of biological matter and also find widespread use as building blocks of advanced materials. Yet, their static and dynamic behaviors are only partially understood and pose challenging questions in the context of polymer physics. Semiflexible polymers are characterized by several crossover length scales, such as the persistence and contour length, which introduce a large number of disparate time and length scales that are relevant to describing their structure formation and dynamics. In the past decade, progress in experimental and computational techniques has led to a renaissance of this research field, resulting in the verification of previous theories and the discovery of novel physical properties.

This Special Issue of *Polymers* is intended to cover these new advances on the structure formation and dynamics of semiflexible macromolecules from experiments, simulations, and theory. Various synthetic and natural macromolecules are of interest, which may be linear, cyclic, star-like or of any other topology.





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