



Stimuli Responsive Polymers, from Solution to Materials

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Message from the Guest Editor

Polymer with stimuli responsive properties present a lot of application in fields from biomedicine to oil production. It is often a challenge to polymerise such kind of polymers and to study there properties as a function of there stimuli which could be temperature, pH, salt, light or shear... The conception of different materials such as solid materials or hydrogels with the help of stimuli responsive polymers could have a really interesting impact on their properties. This special issue will cover recent advances on stimuli responsive polymers from there design to their large panel of applications in solutions, hydrogels or solid materials passing by their structure, their association and their properties in solution or in solid state. Structure and properties of materials using stimuli-responsive polymers could be trigger by different stimuli such as pH, light, temperature, salt, magnetic field, shear... Submitted manuscripts will be fast-track reviewed. Research articles, review articles, perspectives, and communications and letters are also invited.





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Message from the Editor-in-Chief

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