



## Photo-Responsive Polymers

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Deadline for manuscript  
submissions:

**closed (30 June 2017)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue addresses encompasses the study, modelling and design of photo-polymer processes, materials and their applications. This hot topic is driven by the successful development of UV curable adhesives, photoalignment and photopatterning, photomechanical effects, the production of holographic element for electromagnetic and matter waves and the generation of novel biomedical devices. In some cases, such materials are easily more used, e.g., processed/cured, while in others they may be biocompatible or reproduce physical or biological function. Recent advances have also been driven by the need to find new ways to solve existing technological and scientific challenges. Such situations may require some particular combination of material performance characteristics, e.g., transparency, permeability, weight, compatibility, and/or low cost.

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Prof. Dr. Yanlei Yu

Guest Editors





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