



## Core-Shell Structured Polymers

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### Message from the Guest Editors

Core-shell structured polymers are currently being exploited in a wide range of disciplines, not only for their unique structures and properties, but also for their potential applications in future generations of nanotechnology and biomedical engineering. By rationally tuning the characteristic sizes and composition of the core-shell structure, the physical properties of polymers can be readily tailored, resulting in efficient and well-controlled formation of core-shell structures with tailorable functional characteristics. This Special Issue of Polymers will attempt to cover recent developments in core-shell polymer materials for a wide range of applications, including photonics, optics, photovoltaics and electronics, imaging and sensing for chemical and biological detection, and biomedical diagnostics and therapeutics.

Of particular interests are the synthesis and characterization of new core-shell polymer nanocomposites, which may provide new insights into their functionality for researchers to obtain desired material properties.





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