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# New Horizons in Materials Engineering: The Application of Mesoporous Silica-based Materials

Guest Editor:

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# Message from the Guest Editor

As you know, mesoporous silica discloses a broad variety of possible applications beyond the usual employment of porous materials. It can be used, thanks to its large pore volume, surface area, and surface reactivity, as a starting framework in the design and preparation of nanostructured devices for many different purposes.

This Special Issue will focus on the potential applications of mesoporous silica in which the structure of the employed material, which is most likely a hybrid material, is engineered at the nanometric scale.

We wish to complete this Special Issue with original research papers dealing with applications of mesoporous materials as catalysts, adsorbents, or stationary phases in chromatography, and, last but not least, with the design of a new energy storage system that will be potentially useful for renewable energy development.













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# **Message from the Editor-in-Chief**

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