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Current Research and Technological Advances on Aerogels

Guest Editors:

Dr. Miguel Sanchez-Soto

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Deadline for manuscript submissions:
closed (31 May 2023)

Message from the Guest Editors

Aerogels are nowadays considered one of the most promising classes of materials due to the combination of ultra-low weight and their outstanding properties. They are used in a wide range of technological fields, such as construction, aerospace, and biomedical or environmental applications to name a few.

This Special Issue aims to contribute to the knowledge on aerogels research by building a comprehensive collection of works dealing with recent developments in this field, covering (but not limited to) the synthesis, manufacturing, structure, characterization and applications of different aerogel types (inorganic, organic, hybrid). It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

This Special Issue is an initiative of the AERoGELS (CA18125 - Advanced Engineering and Research of aeroGels for Environment and Life Sciences) Action (**https://cost-aerogels.eu**) by COST (European Cooperation in Science and Technology) that aims to boost the development of aerogels for biomedical and environmental applications.

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Editor-in-Chief

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Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

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