Special Issue

Advances in the Improvement of Colloidal Systems' Stability

Message from the Guest Editors

Colloidal systems such as emulsions, suspensions, gels, foams and aerosols find numerous practical applications in different branches of industry. Their limitation is that they usually do not possess the long-term stability needed in product formulations. Therefore, the most important thing is to keep them stable. Some chemical additives (e.g.: high molar mass substances, surfactants) can help to solve this problem. However, these additives can also cause instability such as flocculation, which is very useful in wastewater treatment, but usually unwanted. The goal of modern methods of ensuring colloidal stability is to obtain stable, well-characterised materials with desirable colloidal properties. This Special Issue will explore new perspectives on improving colloidal systems' stability. The topics that will be discussed in this Special Issue will focus not only on modern methods and technologies, but also on the verification of the properties of the obtained systems. We look forward to receiving your contributions.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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