



Manufacturing and Processing of Rheological Complex Fluids

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Many industries are dealing with complex fluids, and academic research can help to provide a better understanding of these complex systems. Many sectors are affected by the lack of understanding of the complex behaviour of those fluids. Moreover, there is also a lack of technologies which can provide in/online information about those fluids. Understanding the macro- or microstructure of these products and how those are affected by process conditions is critical to achieve better and greener products. This is relevant for many industrial sectors, such as chemical, petrochemical, pharmaceutical, FMCG, food, and many others.

This Special Issue focuses on recent advances in experimental characterisation and modelling of fluid flow and other sensor technology to identify critical features of complex fluids. Topics of interest for the Special Issue include but are not limited to:

- Mixing of non-Newtonian fluids;
- Formulation engineering;
- Off/inline rheology of complex fluids;
- Manufacturing of complex fluids;
- Turbulent/laminar/transitional flow.

Dr. Federico Alberini

Guest Editor





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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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