



## Rheology and the Thermo-Mechanics of Non-Newtonian Fluids

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**closed (29 February 2016)**

### Message from the Guest Editor

Dear Colleagues,

Understanding the thermo-mechanics of complex (non-linear) fluids, commonly known as non-Newtonian fluids, is important because these fluids are not only encountered in nature (for example, in mud slides and avalanches), but also in many chemical, biological, food, pharmaceutical, and personal care processing industries. These fluids include the traditional non-Newtonian fluid models, electro- or magneto-rheological fluids, granular materials, slurries, drilling fluids, polymers, blood and other biofluids, mixtures of fluids and particles, *etc.* This Special Issue of Fluids is dedicated to the recent advances in the mathematical and physical modeling of those fluids with industrial applications, especially those concerned with CFD studies.

Prof. Dr. Mehrdad Massoudi  
*Guest Editor*





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## Message from the Editor-in-Chief

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