

Special Issue

Multiphase Flow in Pipes with and without Porous Media

Message from the Guest Editor

Multiphase flow (with/without heat transfer) is a common flow type in boilers in both conventional and nuclear power plants, petroleum pipelines, heat exchanger systems, biological systems, the food industry, and most chemical processes. The multiphase complexity lies in its transient nature and its frequent and unpredictable transitions between various types of flow patterns, such as bubbly, stratified smooth, stratified wavy, plug, semi-plug, annular, etc. This Special Issue of multiphase flow is devoted to recent advances in experimental measurements, new measuring techniques, and computational modeling of flow in pipes with and without porous media. Papers on induced turbulence due to multiphase flow are also considered.

Guest Editor

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