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Progress on Nanoparticles in Fluid Mechanics for Advancement of Micromachines

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

The concept of formulating mono/hybrid nanofluids is not new to researchers. This idea has wide applications in the heat transfer mechanism, nanotechnology, advanced fluid flow and fluid mechanics, and in the manufacturing of several devices. Therefore, the practical significance of nanoparticles in working fluids is essential. This development mainly emphasizes the enhancement of thermophysical properties and the performance of the fluids in single- and multiphase flows. The same concept is highly appreciated in designing several industrial and mechanical engineering devices. For this Special Issue, we are looking to collect research articles from all the applied areas of nanofluids, especially in micromachines, heater exchangers, renewable energy, porous mediums and others, targeting the shape, size and volume fraction of nanoparticles. The focus should be on the type of material used in nanofluids' formulation, the fraction size of the nanoparticles, and the shape of the nanoparticles. Furthermore, all relevant sections of importance in terms of industrial and engineering related to the volume fraction, size and shape of nanoparticles in the formulation of nanofluids are

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Message from the Editor-in-Chief

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