CFD-DEM Modelling of Multiphase Flow

Guest Editor:

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Message from the Guest Editor

Dear Colleague,

Fluid flow and particle transport have attracted the attention of the researchers due to its widespread applications in engineering systems as well as in other applications. There are many possible applications for gas–liquid, liquid–liquid, gas–solid, and liquid–solid flow regimes. Slug flow, particle-laden flow, slurry flow, fluidized beds, and sedimentation are a few examples of multiphase flow. Many real-life applications, including spray drying, inertial separation, particle transport in the lung, cyclone separatord, liquid fuel, and aerosol dispersion, are classic examples of multiphase flow. A precise understanding of multiphase flow modelling is important for engineering systems and device optimization. This Special Issue is open to any subject area related to fluid flow and particle transport modelling.

Dr. Saidul Islam
Guest Editor

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Special Issue

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Message from the Editor-in-Chief

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