

Special Issue

Lattice Boltzmann Methods: Fundamentals and Applications, 2nd Edition

Message from the Guest Editor

The Lattice Boltzmann Method (LBM) has developed rapidly in the past 20 years. It has been utilized in various application areas, and it shows impressive advantages in different aspects, such as high efficiency for massive parallel computing, complicated geometry, and multi-phase flow. This Special Issue of *Fluids* is dedicated to the recent advances in the numerical approaches and applications of the LBM. The studies relating to the LBM include, but are not limited to, parallel computing, graphic processing unit (GPU) acceleration, new boundary condition treatments, unstructured mesh, flow for complicated geometries, multi-phase flow, multi-physics, and multi-scale applications, etc.

Guest Editor

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