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## Lattice Boltzmann Method in Computational Fluid Dynamics

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Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editor

Dear Colleagues,

The lattice Boltzmann method (LBM) is a relative new computation fluid dynamics method compared to the solving Navier–Stokes equations. In the last 20 years, LBM has been utilized in various application areas and 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 recent advances in the numerical approaches and applications of LBM. The studies relating to LBM include but are not limited to parallel computing, graphic processing unit (GPU) acceleration, new boundary condition treatments, unstructured mesh, and flow for complicated geometries, multi-phase flow, multi-physics, and multi-scale applications, etc.

Dr. Jie Bao  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

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