Fluid Dynamics: Mathematics and Numerical Experiment

Guest Editors:

Dr. Andrey Morgulis

Dr. Muhammad Adil Sadiq

Dr. Tatiana S. Martynova

Deadline for manuscript
submissions:
closed (31 May 2024)

Message from the Guest Editors

Dear Colleagues,

We cordially invite you to submit your research to this Special Issue. Despite the considerable recent advances in mathematical theory and numerical techniques for fluids, a multitude of challenging issues remain. Given the existing high-intensity investigations, it is very important to present every achievement to the research community, and a logical way to do so is by taking advantage of open-access publishing. This Special Issue in Axioms aims to provide such an opportunity to a wider range of researchers working in Fluid Dynamics. That is why it is our intention to set a wide scope for this Special Issue. Potential topics include but are not limited to:

- fluid dynamics;
- microfluidics;
- hemodynamics;
- fluid-structure;
- numerical methods;
- reasonings asymptotics;
- exact solutions;
- simulation;
- wellposedness;
- stability;
- bifurcation;
- nonlinear dynamics.

Special Issue

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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