

# Special Issue

## Fluid Dynamics: Mathematics and Numerical Experiment

### Message from the Guest Editors

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.

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### Guest Editors

Dr. Andrey Morgulis

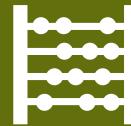
Dr. Muhammad Adil Sadiq

Dr. Tatiana S. Martynova

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### Deadline for manuscript submissions

closed (31 May 2024)



## Axioms

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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