

## Special Issue

# The Advances in Fluid Mechanics

### Message from the Guest Editor

Dear fluid mechanics community, The comprehensive use of fluid mechanics has always been of key relevance for the development of human beings through numerous applications from the classical field of engineering, with its different sub-disciplines, to physics or even to medicine by modelling simple or complex flows, including Newtonian and non-Newtonian fluids. The progressive implementation of new techniques as computational fluid dynamics (CFD) has experienced a great increase over the last few decades as its use has become more feasible for most experts worldwide. As , I cordially invite you to present works that rigorously show new concepts, developments, and complete and comment on the state-of-the-art developments in the field, referring to the general phenomenon of fluid mechanics, covering aero/hydrodynamics, CFD, heat transfer and other related fields, to be published in this Special Issue, providing originality, usefulness, clarity, and well-founded conclusions.

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### Guest Editor

Dr. Jesús María Blanco

Department of Energy Engineering, University of the Basque Country, Bilbao, Spain

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### Deadline for manuscript submissions

closed (31 May 2022)



## Applied Sciences

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Impact Factor 2.5  
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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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