

## Special Issue

# Advances and Applications of CFD (Computational Fluid Dynamics), 2nd Edition

### Message from the Guest Editor

Over the past 50 years, computational fluid dynamics (CFD) has been applied to various fluid dynamics fields. Great progress has been made in the development of hardware and analysis techniques, and many useful results are emerging in a wider range of applications. In this Special Issue, we seek to collect new techniques of CFD and application cases in different industries and academic fields, aiming to publish papers on the various advances and applications of CFD, such as phase change, fluid–structure coupling analysis, combustion, and data driven engineering.

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### Guest Editor

Prof. Dr. Joon Ahn

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### Deadline for manuscript submissions

closed (20 January 2026)



## Applied Sciences

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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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