

Special Issue

Advances in Computational Fluid Dynamics (CFD) Simulations and Their Applications in the Food Industry

Message from the Guest Editors

This Special Issue of *Applied Sciences* focuses on the latest research and advancements in Computational Fluid Dynamics (CFD) simulations and their practical applications within the food industry. The scope encompasses innovative CFD methodologies, modeling techniques, and simulation studies aimed at optimizing food processing, improving safety standards, enhancing quality control, and developing new food products. We invite contributions that explore the integration of CFD in various aspects of the food industry, including but not limited to heat and mass transfer, fluid flow, mixing processes, and equipment design. Papers highlighting real-world case studies, technological innovations, and interdisciplinary approaches are especially welcome.

Guest Editors

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Dr. Adrian Stelmasiak

Deadline for manuscript submissions

closed (20 January 2026)



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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.

Editor-in-Chief

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