

## Special Issue

# Computer-Aided Design in Mechanical Engineering

### Message from the Guest Editor

Today's mechanical engineers heavily rely on Computer-Aided Design (CAD), transforming how designers and engineers approach product development. CAD tools enable precise and efficient design processes, allowing the visualization and simulation of complex systems before physical prototypes are built. This leads to significant cost reductions, shorter development times, and improved product quality. Moreover, CAD fosters innovation by integrating technologies like virtual reality, artificial intelligence, and additive manufacturing. We invite you to submit a paper to our Special Issue on "Computer-Aided Design in Mechanical Engineering." This issue aims to gather research from leading scientists, researchers, and industrial experts to share their experiences and findings on CAD in mechanical engineering. We welcome original research articles and reviews on topics including:

- Innovative CAD Tools and Techniques
- Applications of CAD in Mechanical Engineering
- CAD in Emerging Technologies
- Interdisciplinary CAD Applications
- Educational Aspects of CAD

We look forward to your contributions.

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### Guest Editor

Dr. Rocco Furferi

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### Deadline for manuscript submissions

20 August 2025



## 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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