

## Special Issue

# Applied Research in Combustion Technology and Heat Transfer

### Message from the Guest Editors

As we face pressing global challenges such as climate change and energy sustainability, research in combustion technology plays a critical role in developing efficient energy systems and reducing harmful emissions. Innovations in this field can lead to significant advancements in industrial applications, transportation, and power generation, ultimately contributing to a cleaner and more sustainable future. The Special Issue aims to gather innovative and high-quality research that addresses various aspects of combustion technology, including, but not limited to, the following:

- Advanced combustion processes and technologies;
- Emission reduction strategies;
- Combustion modeling and simulations;
- Alternative fuels and their applications;
- Experimental techniques in combustion research.

We welcome original research articles, reviews, and case studies that contribute to the advancement of knowledge in these areas. All submissions will undergo a rigorous peer-review process to ensure the highest quality.

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### Guest Editors

Prof. Dr. Joe Mmbaga

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### Deadline for manuscript submissions

20 August 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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