



## Progress in Combustion Diagnostics, Science and Technology

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### Message from the Guest Editors

The role that combustion plays in the world's energy systems will continue to evolve with the changes in technological demands. For example, the challenges that we face today are more focused on the conservation of energy and on addressing environmental concerns, which together, necessitate cleaner and more efficient combustion processes using a range of fuel sources. In addition, combustion also plays an increasingly important role in materials science and process technology.

This Special Issue invites contributions to highlight the recent progress in theory and experiments, development, and/or demonstration of technologies and systems involving combustion processes, for the production, storage and utilization, and conservation of energy. In doing so, this Special Issue intends to present a forum to enable the rapid dissemination of recent ideas and results emanating from many diverse areas associated with combustion.

### Keywords

- energy science
- laser diagnostics
- combustion
- flames
- engines
- ignition





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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.

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