Special Issue

Experiments and Simulations of Combustion Process II

Message from the Guest Editor

The study of combustion phenomena is of great scientific interest due to their presence in a wide range of industrial and domestic processes and implies the necessity to ensure that the processes related to them are performed in the most efficient way. Modern combustion systems are designed with a high combustion efficiency, high reliability, and minimum emission of air pollutants. The combustion of hydrocarbons is perhaps industrially the most important combustion system due to its use in many apparatuses, such as car engines, gas turbine engines, heaters, incinerators, or furnaces. Under certain conditions, the combustion of hydrocarbons can take place as an explosion, whose evolution is due to a fast energy release, accumulating in the system due to a slow dissipation rate. This Special Issue is being launched to address recent advances regarding the study of combustion processes of hydrocarbons by experimental and/or numerical modeling, an important and widespread field.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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