



Low-Emission Combustion Techniques: Latest Advances and Prospects

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Message from the Guest Editors

Dear Colleagues,

As a key source of carbon emissions, energy conservation and emissions reduction in the energy sector are crucial to the realization of carbon neutrality. Various new combustion modes for improving efficiency and reducing emissions have recently become research hotspots in the energy field. This Special Issue aims to present and disseminate the most recent advances and prospects related to the theory, experimentation, simulation, and application of all types of low-emission combustion techniques. Both research and review articles are welcome. Topics of interest for publication include, but are not limited to:

- Low-emission combustion techniques in IC engines, gas turbines, boilers and other burners;
- Cleaner and renewable fuels;
- Theory and application of renewable/alternative fuels;
- Advanced combustion measurements, diagnostic techniques and control technologies;
- Advanced combustion simulation methods and models;
- Advanced pollutant emission measurements and control techniques;
- Plasma-assisted combustion, lean combustion, HCCI and other advanced combustion modes;
- Low-/zero-emission transport planning and operation.

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Special Issue



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Message from the Editor-in-Chief

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