

Special Issue

Scramjet and Ramjet Combustion

Message from the Guest Editor

In recent decades, we have seen quite amazing progress in the development of scramjet engine combustors, tested both in facilities on the ground and in actual flight experiments during hypersonic speed. In parallel, hypersonic vehicles have also been demonstrated around the world. For atmospheric hypersonic, trans-atmospheric, and space flights, ramjet and scramjet engines will be an excellent choice for air-breathing propulsion during atmospheric flight. Hence, this is inviting submissions for a Special Issue of *Energies* on the subject area of “Scramjet and Ramjet Combustion”.

This Special Issue will focus on various topics of interest for publication, including, but not limited to: All aspects with respect to air intake and combustion interaction, all modes of supersonic combustion, turbulent mixing, ignition and flame stabilization, combustion instabilities, ram–scram transition, throttling transition, measurement and test, innovative novel measurement, numerical simulation, intake–combustor integration, airframe–engine integration, fuel technologies, thermal management, scramjet engine programs, and so on.

Guest Editor

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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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