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Scramjet and Ramjet Combustion

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 October 2019)

Message from the Guest Editor

Dear Colleagues,

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 Guest Editor 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.



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Special Issue



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Message from the Editor-in-Chief

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