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Fluid-Dynamics and Heat Transfer in Aerospace Propulsion Systems

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Message from the Guest Editors

Prediction of the flow dynamics and heat transfer is central to the design process of aerospace propulsion systems. The motivation for this Special Issue is to present a series of research articles covering various experimental, numerical and theoretical aspects in the study of heat transfer and fluid dynamics (among other relevant factors) for aerospace propulsion applications. The central role of fluid dynamics and heat transfer in the design process of aerospace propulsion system is recognized among researchers due to the strong impact they have on the performance and reliability of any propulsion system. This Special Issue will fill the gap especially regarding the link between these two aspects toward finding common guidelines for the advanced design architectures of propulsion systems. Authors are encouraged to submit contributions linked to those areas, describing recent achievements applied to aerospace propulsion that are also supported by relevant experiments.

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Message from the Editor-in-Chief

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