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Technologies of Electric and Hybrid Electric Aircraft

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 July 2021)

Message from the Guest Editor

Dear Colleagues,

After almost fifty years of steady development, the commercial aircraft industry is being forced to change technology and rapidly develop radical new low-emission technologies for commercial aircraft. This is an industry currently estimated to have a “direct value” of around 1000 billion dollars.

These technologies include electric, hybrid-electric, and hydrogen-powered propulsion systems. These technologies require urgent and fundamental research to support this change. These new aircraft are highly integrated, which requires us to cover a wide range of fields, as individual components cannot be designed without full system knowledge. Hence, this is a new and large area of work which, if successful, is capable of providing emission-free air-travel and thereby making a significant contribution to limiting global warming effects.

Dr. Peter Malkin

Guest Editor



mdpi.com/si/70764

Special Issue



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Message from the Editor-in-Chief

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