

Special Issue

Aircraft Battery Technologies and Numerical Models

Message from the Guest Editor

The development of all electric, more electric and hybrid electric propulsion systems in aircraft calls for energy storage systems with very strong requirements in terms of gravimetric and volumetric energy density, power density, sustainable temperatures, safety, cost, etc. The scope of this Special Issue is to bring together the developers of advanced powertrains and specialists in electrochemical technologies in order to summarize the state of the art and delineate future scenarios for electric aircraft propulsion. Another scope of the issue is to compare modeling approaches for evaluating the endurance, range and performance of aircraft equipped with advanced power systems.

Guest Editor

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Deadline for manuscript submissions

closed (25 October 2019)



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Editor-in-Chief

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