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Advances in Aerospace Materials and Technologies

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Message from the Guest Editor

Dear Colleagues,

In recent years, materials and technologies have made great progress in increasing the reliability and efficiency of aerospace structures; however, further advances are becoming essential for greener aviation and safer space missions.

Materials for aerospace applications raise several challenges related to low mass requirements and the demand for very high performance. In addition, future aerospace structures will require use of multifunctional and recyclable materials. Moreover, technologies will play a fundamental role, and additive manufacturing is probably the most promising manufacturing technique for efficient aerospace structures since it can manage materials which, otherwise, cannot be conveniently adopted by conventional technologies for producing light, thin-walled and complex structures.

The aim of this Special Issue is to report recent advances related to all areas of materials and technologies in the aerospace sector. Full papers, communications, and reviews are all welcome.

Dr. Antonio Mattia Grande

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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