



## Angelo Passariello

Affiliate, Mechanical Engineering - Flow Physics and Computation

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### Bio

#### BIO

I am a Research Engineer at the Italian Aerospace Research Centre (CIRA), where I work on high-fidelity numerical simulations for aerospace applications. My research focuses on hybrid RANS–LES turbulence modeling, with particular attention to associated challenges such as modeled stress depletion and grey area formation.

I am currently in the final year of a PhD in Industrial Engineering at the University of Naples Federico II (Italy), where I also earned my Master's degree in Aerospace Engineering.

My academic and professional interests lie in advanced CFD methods, turbulence modeling, and the development of reliable simulation tools for complex aerodynamic flows.