

Dr. Arnaud Grébert

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Awards

HPC Grant Partnership for Advanced Computing in Europe (PRACE) - **42 400 000 CPU hours**

Education

Current pos. **Postdoctoral research fellow in CFD**, ISAE-SUPAERO, Toulouse, France.
2015 - 2018 **Ph.D in Computational Fluid Dynamics**, ISAE-SUPAERO, Toulouse, France.
2014 - 2015 **MEng 2 in Aerodynamics and Aeroacoustics**, University Pierre and Marie Curie / ENSAM, Paris, France.
2013 - 2014 **Gap year internship in CFD/Aerodynamics**, Airbus Toulouse and Bremen, France/Germany.
2012 - 2013 **MEng 1 in Fluid mechanics**, University Pierre and Marie Curie, Paris, France.
2010 - 2012 **Bachelor in Mechanical Engineering**, University Pierre and Marie Curie, Paris, France.

Papers

Arnaud Grébert et al. "Simulations of shock wave/turbulent boundary layer interaction with upstream micro vortex generators". In: *International Journal of Heat and Fluid Flow* 72 (Aug. 2018), pp. 73–85. ISSN: 0142727X. DOI: 10.1016/j.ijheatfluidflow.2018.05.001.

Conferences

Arnaud Grébert et al. "Simulations of shock wave/turbulent boundary layer interaction with upstream micro vortex generators". In: *10th International Symposium on Turbulence and Shear Flow Phenomena*. 2B-2. 2017.

Arnaud Grébert et al. "Toward the characterization of Micro Vortex Generators effects on Shock Wave/Turbulent Boundary Layer Interaction using LES". In: *11th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements*. 2016.

Laurent Joly et al. "LES of shock wave/turbulent boundary layer interaction affected by microramp vortex generators". In: *Bulletin of the American Physical Society*. Vol. 61. APS, 2016. DOI: 10.1103/BAPS.2016.DFD.R5.6.