

CV Brischetto

After earning his degree in Aerospace Engineering at the Politecnico di Torino in 2005, Brischetto received his PhD in Aerospace Engineering (Politecnico di Torino) and in Mechanics (Université Paris Ouest–Nanterre La Défense) in 2009. He won the excellence prize for PhD students in 2008 and the young researcher prize in 2011 at the Politecnico di Torino. He worked as a Research Assistant at the Politecnico di Torino from 2006 to 2010, and as Assistant Professor from 2010 to 2018; currently he is Associate Professor since february 2018. His main research topics are: additive manufacturing, FDM 3D printing, smart composite structures, multi-field problems, hygro-thermo-elastic stress analysis, CNTs, inflatable structures, numerical and exact 3D and 2D shell solutions, UAVs. He is the author of 155 articles, 83 of which have been published in international journals, and 1 patent. He serves as a reviewer for more than 100 international journals. He has been Guest Editor for "Mechanics of Advanced Materials and Structures", for "Technologies" and for "Journal of Composites Science". He is committee member for several international journals and one book series, and member of the Shell Buckling People website. Brischetto is Associate Editor of "Curved and Layered Structures" and "Journal of Composites Science". He has been Teaching Assistant at the Politecnico di Torino for courses on "Computational aeroelasticity", "Structures for aerospace vehicles", "Nonlinear analysis of aerospace structures", "Principles of structural mechanics", "Aeronautic constructions", "Aeronautic structures", and "Numerical modelling and simulation techniques for aerospace structures". He was chair at the Politecnico di Torino for courses "Aeronautic law and human factors and safety" and "Design and additive manufacturing for aerospace applications" and currently for "Aeronautic constructions", "Numerical modeling and simulation techniques of aerospace structures" and "3D shell models for composite structures". He is co-founder and co-chair of the group "ASTRA: Additive manufacturing for Systems and sTRuctures in Aerospace", and also founder and chair of the project "PoliDrone, A multipurpose modular drone produced via 3D printing".