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Graduate Degree in Aeronautical Engineering (all examinations passed with full marks) at University of Naples with full marks cum laude and publication of the thesis, 1983. Qualifying examination in Engineer with full marks, 1983. Two years Research Scholarship at Institute of Aerodynamics of the University of Naples, 1984-1985. Philosophy Doctor in Aerospace Engineering (entrance examination passed with full marks) at University of Naples (1988).

Now, Full Professor, Aerospace Engineering, University of Campania “Luigi Vanvitelli”.

Co-Investigator of the experiment "Onset of Oscillatory Marangoni Flows", Mission Spacelab D2 - Space-Shuttle Columbia, Flight STS-55 (April 1993). Principal Investigator of the experiment "Bubble Behaviour under Low Gravity", Mission *Spacelab IML-2* - Shuttle “*Columbia*”, Flight STS-65 (July 1994): “First experimental demonstration of the theory of Prof. Viviani on the existence of a new kind of thermocapillary bubble migration, posing a milestone for space applications of material and fluid sciences” (in NASA-RP 1405, p. 26). Principal Investigator of the experiment "Non-linear Surface Tension Driven Bubble Migration", Mission *Spacelab LMS-Shuttle* “*Columbia*”, Flight STS-78 (June 1996): “Confirmation of the results obtained with the IML-2 experiment and new results for some particular classes of liquids” (in NASA-CP 206960, p. 318).

Member of the Physical Sciences Working Group of the European Space Agency ESA (1993-1996; 1996-1999); Member of the Microgravity Sciences and Processes Committee of the International Astronautical Federation IAF (since 1994); Member (elected) of the Management Committee of ELGRA-European Low Gravity Research Association (1995-1997; 1997-1999); Vice-President (elected) of ELGRA (1999-2001; 2001-2003); Vice-Chairman (elected) of the Committee for Microgravity Sciences and Processes of the IAF (2003-2006); Chairman (elected) of the Committee for Microgravity Sciences and Processes of the IAF (2006-2009; 2009-2012); Coordinator for the IAC Congresses of the IAF Symposium on Microgravity Sciences and Processes (2006 – 2012); Member (elected) of the IAA - International Academy of Astronautics (2004). Member of the Commission 1 (Space Physical Sciences) of the International Academy of Astronautics (2007-2009, 2009-2011, 2011-2013, 2013-2015); Regional Secretary (for Italy) of the International Academy of Astronautics (2007-2009, 2009-2011, 2011-2013, 2013-2015); Member of the IAA Steering Committee for the Heads of Space Agencies Summit Follow-on (2012 - 2014 ). Member of the Awards and Memberships Committee of IAA and Member of the Publications and Communication Committee of IAA. Coordinator of the IAA standalone Conferences and Symposiums (2014- ).

Member of Scientific Committees, Session Chairman and Invited Speaker of many space congresses; in particular Organizer and Chairman, on appointment by ESA, of the 2nd European Symposium on Fluids in Space (April 1996) and the First International Symposium on Microgravity Research and Applications in Physical Sciences (September 2000). Member of the Scientific Associations: American Institute of Aeronautics and Astronautics, American Association for Advancement of Sciences, European Low Gravity Research Association, the New York Academy of Sciences. Member of Editorial Boards: Journal of Aerodynamics, The Scientific World Journal, International Journal of Engineering and Technology Research, Recent Progress in Space Technology, The Open Mechanical Engineering Journal; Co-Editor of Acta Astronautica; Editor-in-Chief of International Journal of Research in Mechanical Engineering. Reviewer: Advances in Space Research, International Journal of Aerospace Science and Technology, Engineering Applications of Computational Fluid Mechanics, International Journal of Heat and Mass Transfer, International Journal of Thermal Sciences, Journal of Aerospace Engineering, Microgravity Science and Technology, Numerical Heat Transfer, Journal of Applied Thermal Engineering, Journal of Applied Mechanics, etc. Author of more than 200 papers published in International Journals or in proceedings of International Congresses. Honours: Diplomas of Merit (NASA/ESA) for the success of the experiments on board the Spacelab mission IML-2 (1994) and on board the Spacelab mission LMS (1996). “Universal Award of Accomplishment” by the American Biographical Institute, 2000; “International Order of Merit”, by the Int. Biographical Centre, 2001; “Outstanding People of the 20th Century” by the Int. Biographical Centre 2002; “Dictionary of International Biography” by the Int. Biographical Centre, 2003; “American Medal of Honour” by the American Biographical Institute, 2004; quoted in the editions from 17th to 32th of “Who’s Who in the World”, quoted in the editions from 6th to 12th of “Who’s Who in Science and Engineering”.