

RAFFAELE SAVINO

BIOSKETCH

Full Professor of Fluid Dynamics - Department of Industrial Engineering - University of Naples
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Biography: Raffaele Savino graduated in Aeronautical Engineering from Naples University in 1988. In 1993 he completed a Ph. D. in Aerospace Engineering and in 1995 he was awarded a Research post at the same university, a post he held until 2000. He was an Invited Lecturer in 1997 on Microgravity Sciences at the International Space University at Strasbourg, and contributed to the publication of the International Space University Core Book, published by McGraw-Hill. In 1998 he co-authored two books of Aerodynamics. Since 2000 he is Professor of Aerodynamics at the University of Naples “Federico II” and at the Italian Air Force Academy in Pozzuoli. In 2003 and 2004 he was Professor of Hypersonic Aerodynamics and Space Experimentation at the Naples University. Since 1994 he was supervisor and member of the Examinations Board for Doctorates abroad (Univ. Libre de Bruxelles, ETH of Zurich) and scientific coordinator of several research programs in collaboration with Research Centers and Space Agencies (ASI, CIRA, ESA, NASA) and European aerospace industries. He was, among other things, a member of the Scientific Committee of the Microgravity Advanced Research and Support Center and participated in several committees and research working groups at national and international level. He has been the organizer of several international conferences. He is the representative of the University of Naples Federico II in the International Astronautical Federation and the Italian representative in the committee of the AIAA International Space Planes and Hypersonic Systems and Technologies Conference. From 2018 he is a member of the Board of Directors of the Aerospace District of Campania (DAC). He is professor of Aerodynamics, Aerospace Propulsion and Space Experiments and responsible for the educational and research activities of the following laboratories of the University of Naples Federico II: 1) High Speed Aerodynamics; 2) Microgravity lab; 3) Aerospace Propulsion Lab, located inside the Italian Air Force base at Grazzanise (CE). Member of the Editorial Board of international journals, is author of national and international patents, 3 books and over 250 publications in international journals, volumes and proceedings of international congresses, in the fields of Fluid Dynamics, Microgravity and Space Experimentation, Physics of Fluids, Hypersonic Aerodynamics, Heat transfer, Rocket Propulsion.