

Born in Udine, he graduated in Mechanical Engineering, Summa cum Laude at the University of Padua (1967) and served as Assistant Professor and Lecturer in Mechanical Engineering at the University of Padua (1967 - 1975), and as Full Professor of Technical Physics at the Universities of Trieste (1975 - 1979) and Udine (1979 - 2010). Upon his retirement, he has been appointed head of the Energy and Environment Department at CISM (International Centre for Mechanical Sciences of Udine - <http://www.cism.it/>).

He has authored about 200 scientific publications that include several university textbooks, 4 edited books, 78 papers in refereed international journals and 43 communications to international congresses. His textbooks on Energy Technology, Applied Thermodynamics and Heat Transfer are adopted in many Italian Universities, and his efforts to disseminate unbiased information on key energy and environmental issues have received wide appreciation.

He is on the editorial board of five of the most reputed international journals on computational engineering: "Numerical Heat Transfer - Part A and Part B", "International Journal of Numerical Methods for Heat & Fluid Flow", "International Journal for Numerical Methods in Fluids" and "Computational Thermal Sciences". He is routinely invited to join the Scientific Committees of international heat transfer and fluid mechanics conferences, and he is also a frequent reviewer for many international journals.

His consulting engineering references include the reduction of power consumption in household appliances, the enhancement of convection in compact heat-exchangers and the responsibility for the design of heating and air conditioning systems in buildings of historical, social and technical importance.