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- Associate professor of “Fluid Machinery and Energy Conversion Systems”
- Researcher at University of Brescia dal 1986 al 2002
- PhD in Energy obtained in 1987 (Politecnico di Milano)
- Degree in Nuclear Engineering obtained in 1981 (Politecnico di Milano)
- ★ Harold Disney Prize 2008 (with G Angelino e P Iora) of the Institution of Mechanical Engineers. For the paper *Closed versus open cycle energy recovery from solid oxide fuel cells*, Proceedings of the Institution of Mechanical Engineers - Part A - Journal of Power and Energy, Vol. 222, 2008, pp. 371-379
- ★ Winner, in 1985, of the Prize “Giovanni Francia” reserved to studies and researches on the “Alternative Energies”

Teacher of the following courses at the University of Brescia: (1) Renewable Energy Technologies; (2) Energy Conversion Systems.

Member of the staff of the Research Doctorate in Mechanical and Industrial Engineering (DRIMI) at the University of Brescia. – Coordinator of several research projects funded by the Ministry of University and Research (MURST) and by private companies and public companies.

He is author and co-author of numerous scientific papers, mostly published in international journals, he held a patent (now expired, with G Angelino) filed in 1996. The scientific activities is currently devoted to the study of the particular thermodynamic aspects and to the design of cycles and machinery for non-conventional heat engines: closed cycles using non-traditional working fluids (pure fluids or mixtures of fluids, in single- or in two-phase conditions) mostly operating in zones of the thermodynamic diagram characterized by strong real gas effects. Typical applications of this type of engines can be in the field of heat recovery, in the use and conversion of renewable energies (geothermal, biomass, solar) or in the industrial and distributed cogeneration. Next the theoretical activities he carries out experimental measurements for the evaluation of the thermal stability of organic fluids by means of an apparatus specifically designed.

A list of my own publications is in:

[www.costanteinvernizzi.it/Site\\_1/Welcme\\_files/listOfMyPublications.pdf](http://www.costanteinvernizzi.it/Site_1/Welcme_files/listOfMyPublications.pdf)