

Renzo Piva
Short Curriculum Vitæ

Renzo Piva born in Rome, May 21, 1940.

Present position: Professor Emeritus of Fluid Dynamics, School of Engineering, Università di Roma “La Sapienza”

Positions held

- Professor of Fluid Dynamics, Università di Roma “La Sapienza” 1980-
- Visiting Professor, Department of Aerospace Sciences, Boston University, 1984
- Associate Professor, Institute of Applied Mechanics, Università di Roma, 1976-1980
- Associate Professor, Institute of Aerodynamics, Università di Roma, 1972-1976
- Senior Research Scientist and Adjunct Professor, New York University, 1970-1972
- Assistant Professor, Institute of Aerodynamics, Università di Roma, 1968

Education

- Degree of the Aerospace Engineering School, Università di Roma, 1968
- Master Degree in Mechanical Engineering, Università di Roma, 1965

Management Activity in Scientific and Technical Organizations

- President of CIRA (Italian Aerospace Research Center) 2008-2009
- Board of Directors, Vice President (2005-2010), “Sapienza Innovazione”, the organization responsible for the take-up of scientific results
- Board of Directors: CIRA (Italian Aerospace Research Center) 2005-2008, ASI (Italian Space Agency) 1998-2003, CNR (National Research Council), Engineering Committee 1984-1990
- Director, Ph.D program in Theoretical and Applied Mechanics of Università di Roma “La Sapienza” 1984-1990
- Director, Department of Mechanics and Aeronautics 1995-1998

Fellowships

- Accademia Dei Lincei, Physical and Mathematical Sciences, Italy (correspondent fellow since 1993, national fellow since 2010)
- Istituto Lombardo Scienze e Lettere, Italy (non resident fellow since 2008)
- The Society fo Industrial and Applied Mathematics SIAM, USA (fellow since 2009)

Scientific Activity: Main subjects of research include Magnetohydrodynamics, Supersonics and transonic flows, Natural Convection and Thermocapillar flows, Computational Methods for Navier Stokes equations, Two phase flows, Boundary integral equations for Aerodynamics and Naval Idrodynamics, Vorticity Dynamics, Transition and Turbulence, non Newtonian Turbulence, Flows with Microbubbles and Polymers.

Publications and Conferences: Invited Speaker in several International and National conferences, author of about 150 papers, published in International Scientific Journals and in International Conference Proceedings.

Reviewer for International Journals: among others, Journal of Fluid Mechanics, Physics of Fluids, Fluid Dynamics Research, Flow Turbulence and Combustion, Journal of Computational physics, European Journal of Mechanics. . .