

Professor Carlo Nonino

Curriculum Vitae et Studiorum

PERSONAL INFORMATION

Date and place of birth: March 25, 1955 - Udine, Italy.

Degree: Laurea (M.Sc) in Chemical Engineering, Summa cum Laude, University of Trieste, 1980.

Current positions: Full Professor of Heat Transfer and Thermodynamics, University of Udine

CAREER

1981-1985: **Assistant Professor** of Heat Transfer and Thermodynamics, University of Udine.

1981-1982: **Visiting Researcher:** Department of Food Science, Rutgers University, New Brunswick, NJ, U.S.A.

1983-1984: **Visiting Researcher:** Institutt for Kuldeteknikk, N.T.H., Trondheim, Norway.

1985-2000: **Associate Professor** of Applied Thermal-Fluid Dynamics, University of Udine.

2000-present: **Full Professor** of Heat Transfer and Thermodynamics, University of Udine.

TEACHING

Current teaching activity (University of Udine):

- Applied Thermal-Fluid Dynamics
- Applied Acoustics

RESEARCH

Main research interest: Computational modelling of heat and fluid flow in engineering processes, in particular, with reference to:

- Finite element solution of conduction and convection problems.
- Heat transfer enhancement.
- Flow and heat transfer in micro-channels.
- Application of phase-change materials to the thermal control of electronic devices.

Scientific publications: Over 150 scientific publications on numerical heat transfer and fluid mechanics, including a research book published in the U.S.A. and about 50 communications presented at international conferences.

Member of Editorial Advisory Board: International Journal of Numerical Methods for Heat & Fluid Flow, (1998-present)

Referee for several international scientific journals.

DISTINCTIONS

Award: Emerald Literati Club Awards for Excellence 2003 for "Outstanding Paper" of 2002.

Award: Highly Commended Paper in the 2016 Emerald Literati Network Awards for Excellence.

Award: Highly Commended Paper in the 2017 Emerald Literati Network Awards for Excellence.

ADMINISTRATIVE POSITIONS

Head of the Department of Energy Technologies, University of Udine (2001-2007).

Vice-President of the Board of Heads of Departments, University of Udine (2003-2006).

Member of the Board of Directors, Computer Center, University of Udine (1992-1995 and 2002-2005).

Member of the Board of Directors, Center for Fluid Dynamics and Hydraulics, University of Udine (1996-2015).

Member of the Board of Directors, Science Library Services, University of Udine (1996-2003).