

Professor Carlo Nonino

Curriculum Vitae et Studiorum

PERSONAL INFORMATION

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

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

Current positions:

- Full Professor of Heat Transfer and Thermodynamics, University of Udine, Faculty of Engineering.

Office address:

Dipartimento di Ingegneria Elettrica, Gestionale e Meccanica
Università degli Studi di Udine
Via delle Scienze 206
33100 UDINE
ITALY

Office telephone: +39-0432-558019

E-mail: carlo.nonino@uniud.it

URL: <http://www.diegm.uniud.it/prof-nonino/>

Hobbies: Laser sailing

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

Teaching activity (University of Udine):

- Applied Thermal-Fluid Dynamics
- Computational Thermal-Fluid Dynamics
- Applied Acoustics

RESEARCH

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

- Finite element solution of conduction and convection problems.
- Heat transfer enhancement.
- Flow and heat transfer in micro-channels.

Scientific publications: Over 130 scientific publications on numerical heat transfer and fluid mechanics, including 1 research book, 4 book chapters, 38 papers in international refereed journals, 46 communications presented at international conferences.

Published book: G. Comini, S. Del Giudice and C. Nonino, *Finite Element Analysis in Heat Transfer -- Basic Formulation and Linear Problems*, Taylor and Francis, Washington (DC), 1994.

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

Referee for Scientific Journals:

- International Journal of Numerical Methods for Heat & Fluid Flow
- International Journal for Numerical Methods in Fluids
- International Journal for Numerical Methods in Engineering
- Communications in Numerical Methods in Engineering
- Numerical Heat Transfer
- International Journal of Heat and Mass Transfer
- International Journal of Heat & Technology
- International Journal of Refrigeration
- International Journal of Thermal Sciences
- Applied Thermal Engineering

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-present).

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

DISTINCTIONS

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