

# CURRICULUM VITAE

*Prof. Enrico DEL RE*

*Place and date of birth:* Florence, Italy, 9 June 1947.

*Education:* Doctor in Electronics Engineering, from the University of Pisa, 1971.

*Positions:*

1972-73 Military service as Technical Officer in the Italian Air Force, responsible for the maintenance and supervision of telecommunication and air traffic control equipment.

1973-75 At Officine Galileo, Florence, responsible for the analysis and design of control circuits and systems for space applications (GEOS, OTS, SIRIO satellites).

1975-78 Research fellowship at the Dept. of Electronics Engineering of the University of Florence, in the field of telecommunications and digital signal processing.

1978-86 Associate professor at the Dept. of Electronics Engineering of the University of Florence, where he taught courses of Radio-aids to navigation and Telecommunications networks.

1986-today Full professor of Digital Signal Processing at the Dept. of Electronics Engineering of the University of Florence.

1990-93 Director of the School for Higher-grade Electronics Technicians of the University of Florence

1993-today Chairman of the Telecommunications Engineering Degree of the Faculty of Engineering of the University of Florence

1995-98

2001-today Member of the Executive Board of CNIT (Italian University Consortium for Telecommunications)

*Experience:* The professional and academic experience has been focused in the fields of the telecommunications systems and the digital processing of signals, where he has published 4 books, more than 150 papers in national and international journals and conferences and more than 40 technical research reports.

He has been responsible of over 40 research contracts with the Italian National Research Council, Italian Space Agency, European Union and industries. He has been responsible as a Prime Contractor of a research contract with the European Space Agency in 1984-86 on the application of advanced digital signal processing techniques on board the satellites.

During the academic year 1987-88 he has been on leave from the University of Florence at the European Space Research and Technology Centre of the European Space Agency, Noordwijk, Netherlands, carrying out research on the integration of satellite systems with the terrestrial cellular network for mobile communications.

During the period 1989-93 he has been responsible of the Communication Network Group of the TELEMED Project of the EEC Telecommunication programme RACE.

He has been the Chairman of the EU COST Project 227 on “Integrated Space-Terrestrial Mobile Networks” and of the EU COST Action 252 “Evolution of satellite personal communications from second to future generation systems”.

He has served as an expert for EU in the area of Advanced Communications Technologies

He has been the Chairman of the *Software Radio Technologies and Services Workshop (2000)* and *Fifth European Workshop on Mobile/Personal Satcoms (2002)*.

*Membership:* He is a Senior Member of the Institute of Electrical and Electronics Engineers. He is a member of the EURASIP and AEI.

*Awards:* He has been recipient of the 1988/89 premium for the paper “Multicarrier demodulator for digital satellite communication systems” by the Institution of Electrical Engineers, UK.  
He has been included since 1995 in the edition of *Who’s Who in the World*

*Languages:* English, Italian.