

# Curriculum Vitae

## Eng. Paolo De Vincenti

Graduate in Electronic Engineering at University of Rome, "La Sapienza", in March 1965 with the appraisal of the Jury.

Retired since March 2006.

From December 1983 to February 2006: Engineer with EUTELSAT (firstly Non Governmental Organization and after French enterprise)

From April 1965 to November 1983: Engineer with Selenia S.p.A.

### Professional profile

I have developed my activity in the domain of satellite telecommunication, firstly as a project designer and after as a manager. During my career, I passed from the design of devices for the satellite payload (antennas) to the management of earth station engineering and finally to the management of project of wideband telecommunication networks for multimedia applications. During the last phase of my career marketing responsibilities as well as responsibilities in the definition of network development strategies were added to my technical and management activities. I have therefore acquired a good experience in:

- Satellite telecommunication systems and their market,
- Satellite system applications (corporate networks, e-learning, telemedicine),
- Management of projects,
- Development strategies of telecommunication systems.

In the course of my activity, I have always worked on international projects and therefore I have developed a large network of international contacts. In particular I have been for Eutelsat the technical responsible of some of the projects co-financed by the European Commission and I had the opportunity to work in close contact with the European Space Agency and with satellite system manufacturers and telecommunication operators.

### Professional experience after retirement

**2006-2008:** Consultant of Skylogic, the Italian subsidiary of Eutelsat, for the implementation of Sardinia teleport and the design of antennas for mobile network terminals on the trains.

**Since 2007:** Lecturer in the Master Course "Satellites and Orbiting Platforms" at University Roma 1.

**2016** Participant in the organization and Lecturer in the Workshop "Satellite System: Theory and Applications" organized by *4<sup>a</sup> Brigata Telecomunicazioni e sistemi per la Difesa Aerea dell'Aeronautica Militare*.

## Professional experience with EUTELSAT

- 2004-2006:** Vice Director of Multimedia Department of EUTELSAT S.A. with the responsibility of assisting Department Director in defining the strategies and organizing and managing the Department.
- 2002-2003:** Head of New Projects for Wideband Applications Division of the Multimedia Department with the responsibility of defining the new wideband services to be offered and designing and implementing the systems needed for their realization.
- Main results:
- Implementation of the wideband network systems DSTAR and SkyplexData,
  - Implementation of DAMA networks for e-learning and telemedicine (Projects MEDNET'U and EMISPHERE co-financed by European Commission),
  - Design of a network for remote monitoring of the environment and crisis telecommunications for the Italian Civil Protection
- 2000 – 2002:** Responsible of the italian market and of the new services definition in Commercial Department and after in Multimedia Department.
- 1996 –1999:** Head of Earth Station Engineering Section in Technical Department with the responsibility of defining the specifications, procuring and implementing the earth stations and terminals for the systems operating with Eutelsat satellites.
- 1992–1996:** Head of System Verification and Tests Section in Operation Department with the responsibility of the definition and implementation of the In-Orbit Tests (IOT) systems.
- 1983–1992:** Responsible of the on-board satellite antennas engineering in Satellite Engineering Division of Technical Department with the responsibility of:
- feasibility studies and specification definition of the EUTELSAT satellites antennas;
  - Satellite Request for Proposal preparation, bid evaluation, monitoring of the on-board antenna manufacturing, assembly and tests by the satellite suppliers.
- Main results:
- Feasibility study and realization of EUTELSAT II satellites antennas,
  - Feasibility studies of Europesat, W and HOT BIRD satellites.

### **Professional experience with Selenia S.p.A.**

- Microwave equipment and antenna projects ;
- Responsible of the Antenna Computer Aided Design (CAD) (implementation of computer programs for antenna analysis and optimization) ;
- Participation in the ESA programmes OTS, ECS (EUTELSAT I) and Olympus, and in the Intelsat IV and V programmes.