CURRICULUM VITAE



PERSONAL DATA

Name: **Sergio GEROSA**
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CERTIFICATION

Project Management Institute:	**Project Management Professional (PMP®)**
International Project Management Association:	**IPMA Level A (Project Director)**
Leonardo Faculty:	**Subject Matter Expert (SME) of Project Management**

EDUCATION

University Degree: **AERONAUTICS ENGINEERING** (1991, University of Rome "*La Sapienza*")
Grades: *110/110 with distinction*

WORK EXPERIENCES

Thales Alenia Space Italia S.p.A.

01/25 – to date ***Special Programs Director***
Director of Special Programs in the frame of the Domain Observation and Navigation Italy (DONI). Managing programs specifically related to innovation and competitiveness of DONI satellite products, including AI application.

07/20 – 12/2024 ***CIMR Program Director***
Program Director of the Copernicus Imaging Microwave Radiometer (CIMR), one of the Copernicus Expansion Missions of the European Space Agency (ESA) with a budget of 495 M€. In the frame of such role, reporting directly to the Head of Domain Observation Navigation Italy (DONI), he leaded a team of 50+ people at Thales Alenia Space and an industrial organization of more than 60 companies coming from 17 countries.

10/19 – 09/20 ***HE R1000 Export Offers Programmatics***
In the frame of such role, reporting directly to the Head of Domain Observation Navigation Italy (DONI), he is responsible of all programmatic aspects for all the Export Offers relevant to the HE R1000 satellite systems (Compact Synthetic Aperture Radar).

11/09 – 09/19 ***Director Operational & Forecast Planning***
In the frame of such role, reporting directly to the Vice President of Operations, he was responsible of all aspects of company On-Going Management (multi-project planning) and Forecast Management. He managed as well some Transformation Projects (at company level) aimed to improve punctuality both for internal deliveries (Schedule Management) and externally (On Time Delivery). He was also in charge of Schedule Management activities at transnational level (France, Italy, Belgium, Spain, UK) and of the relevant processes.

12/06 – 11/09 ***Director Product Competitiveness***
In the frame of such role, reporting directly to the VP Operations, he was responsible of implementation of product competitiveness activities throughout all Business Units and Industrial Units of the Company.

11/02 – 01/07 ***Head of Commercial Telecommunication Programs***
In the frame of such role, he was responsible of Commercial Telecommunication Budget, he contributed to definition of market strategies, and coordinated the relevant commercial proposals. The Program Managers and the Contract Manager assigned to such a business line reported to him.
In the period 2004/2005 he was appointed as Risk Manager of the Telecommunication Division, having the responsibility to coordinate the risk management activities for all the relevant programs and proposal.

01/97 – 11/02 ***Program/Proposal Manager***
Program Manager (PM) in the frame of the Satellite Telecommunication and Navigation Programs Area, applying state of the art techniques of Program/Project Management and Risk Management to complex high-technology projects. Proposal Manager for several commercial initiatives for the following satellite telecommunication markets: European, Middle East (Israel and Iran), Far East (Russia and China), and African (South-Africa and Cameron).

09/95 - 02/97 ***AIT & AIV Manager***

Responsibilities in this position included management and coordination of all the activities of Assembly Integration Testing and Verification for the Inter Orbit Link Antenna Pointing System of the *Artemis* satellite.

09/93 - 09/95 ***Hardware Procurement Manager***

Responsibilities in this position included the monitoring/control of subcontractors for the procurement of on board equipment for satellite attitude and orbit control & data management system in the frame of *Artemis* program of the European Space Agency.

11/91- 09/93 ***Engineering Activities***

Responsible of the Dynamic Analysis in the frame of the Artemis satellite and Project Designer for *Artemis*/*ICDS* program and *Platform Integrated Control System* program of the Italian Space Agency.

03/91 - 11/91 ***Post Graduate Research at the University of Rome***

The research, entitled *Studies of Turbulent Flows by means of Laser Doppler Anemometry*, was undertaken at the Fluid-Dynamics Laboratories of the Mechanics and Aeronautics Department.

TEACHING EXPERIENCE

Teacher of *Project / Program & Contract Management*, in the frame of:

- ***Professor of Space Business and Law*** (since academic year 2026-27) at LUISS University of Rome
- ***Master of Project Management*** (since 2009), of the LUISS Business School
- *Master of Advanced Project Management* (2014-2020), of the 24Ore Formazione of Rome and Milan
- *Master of Satellites and Orbital Platforms* (2003-2020) of the University Sapienza of Rome
- *Master of Advanced Telecommunications and Navigation* (2004-2020) of the Univ. "Tor Vergata" of Rome
- *Master of Innovation of Aerospace Enterprises* (2006), of the University Sapienza of Rome
- *Passport to Project Management* Course of Thales Learning Hub
- *Project Risk Management* Course of Thales Learning Hub
- *Introduction to Contract Management* Course of Thales Learning Hub
- *New Employees Welcome course* of Thales Learning Hub

OTHERS PROJECT MANAGEMENT ACTIVITIES

- Member of the ***Project Management Institute*** **(PMI®)** since 1998.
- In the frame of the ***PMI Central Italy Chapter*** has been appointed/elected as:
  - Past President (from January 2020)
  - **President (January 2016 – December 2019)** – two elected mandates
  - Director of Programs and Professional Development (2012 – 2014) – two elected mandates.
  - Resp. of Defense Security and Space Committee (2014 – 2016).
  - Resp. of Editorial Committee (2009 – to date).
  - Associated member of the Board (2008 – 2011).
- Country Practice Manager of Project Management at *Thales Learning Hub*.
- Subject Matter Expert of Project Management at *Leonardo Company Faculty*.
- Member of the Scientific Committee of the Master in Project Management at *LUISS Business School*

PUBLICATIONS

Author of the following **book**:

- "*Tecniche e Metodologie di Project Management – La gestione di programmi complessi con particolare riferimento al settore spaziale*", published by Aracne Editrice, May 2011

Author of the following **papers, published on international journal/magazine**:

- "*L'Arca di Noè: il rapporto tra Sponsor e PM come chiave del successo del progetto*", published on "*Il Project Manager*" (Franco Angeli Editore), June 2019
- "*Project Financing and Risk Management: a new challenge for program management in the space industry of the third millennium*",

Author of the following **papers, presented in the frame of international symposiums**:

- "*The Noah's Ark: Choosing the Right Sponsor for Your Project and Aligning Your Project to the Organization Strategy*", PMI EMEA 2009, Amsterdam, May 2009
- "*The Project of a Lifetime* ", IPMA World Congress 2008, Rome, November 2008
- "*The Tower of Babel: When Communicating Becomes a Nightmare* ", PMI EMEA 2008, Malta, May 2008
- "*A Design to Cost Methodology to Manage Complex Product Development in the Space Industry*", PMI EMEA 2007, Budapest, May 2007
- "*Using Knowledge Elicitation Techniques in the Risk Assessment of Space Projects*", PMI EMEA 2006, Madrid, May 2006
- "*Project Financing and Risk Management: a new challenge for program management in the space industry of the third millennium*", PMI Europe 2001, London, June 2001
- "*Earned Value Management: How to avoid the 90% complete syndrome*" IPMA 2002, Berlin, June 2002
- "*Methods and applications of Risk Management in space programs*" & "*Earned Value Management techniques for engineering and prototype production activities*", 30th Annual Symposium of *Project Management Institute*, Philadelphia, Oct.1999
- "*Satellite Antenna Pointing System Verification Using the ESA Compact Payload Test Range* "
  Congress of the *Antenna Measurement Techniques Association* (AMTA), Nov. 1997
- "*On the Design of Observers for Attitude Estimation of Geosynchronous Satellite*"
  44th Congress of the International Astronautical Federation (IAF), Graz (Austria), Oct. 1993
- "*Double and Triple Longitudinal Space Correlation Analysis within a Turbulent Boundary Layer*" - Optical Methods and Data Processing in Heat and Fluid Flow Seminar, London (Great Britain), Apr. 1992
- "*Analysis of a Completely Developed Turbulent Boundary Layer*" (in Italian)
  XI AIDAA Congress, Forlì (Italy), Sept. '91