

Lorenzo Serafini

SUMMARY

- Project Manager with a background in Aerospace Engineering.
- Experience in project phases from funding proposal to hardware acceptance.
- Able to plan and organize effectively, deal flexibly with changes.
- Committed, strong team player, capable of motivating and leading others.
- Excellent presentation and communication skills in international contexts.

EXPERIENCE

Sep 2000
to present

Alta S.p.A - Pisa, Italy

Design, development, testing and qualification of space propulsion subsystems

Project Manager

- Manage technology development and flight hardware procurement projects with major European aerospace agencies and industries.
- Main project: ten internal staff, two sub-contractors, 3 M€ value.
- Cover system engineering functions: requirements management, interface control, development and verification planning, testing; write relevant documentation.
- Earned the Company 40% of its total revenue between 2001 and 2003.
- Wrote proposals of strategic relevance for the Company, winning contracts for 5+ M€.
- Actively contributed to ISO-9001 certification of Company Quality System, working on project control procedures, developing tools and defining internal document standards.

Apr 1999
to Aug 2000

European Space Agency - Noordwijk, The Netherlands

Technical and Operational Support Directorate, Electric Propulsion Section (TOS-MPE)

Young Graduate Trainee (Apr '99 to Apr '00)

Consultant (Apr '00 to Aug '00)

- Propulsion Subsystem responsible in the ESA concurrent engineering team (CDF).
- Actively contributed to the CDF methodology and software infrastructure.
- Developed and documented spreadsheet model of spacecraft propulsion subsystem.
- Completed eight CDF assessment studies between December 1999 and June 2000.

Apr 1997
to Apr 1999

Centrosazio - Pisa, Italy

Space Technologies Research Centre

Research Engineer

- Carried out thermal analyses and thermal vacuum tests.
- Designed the thermal control system for a Space-Shuttle *Get-Away Special* payload.
- Set up and autonomously ran Centrosazio stand at international exhibitions.

EDUCATION AND TRAINING

Jun 2003 **PhD in Aerospace Engineering** *University of Pisa, Pisa (I)*

Feb 1998 **Laurea degree in Aerospace Engineering** *University of Pisa, Pisa (I)*

2004 Project Management: Full Overview (PMI certified); Project Cycle Management

1999 Introduction to Spacecraft Systems Engineering Course; Excel 97 Advanced

OTHER SKILLS

Languages: **Italian:** mother tongue, **English:** excellent; **Spanish:** proficient; **French:** good
Software: Microsoft Windows, Office, Project, Visio, Visual Basic for Applications
Mathematica, MathCAD, AutoCAD, ESATAN, LabView, Pascal, html, MS Front Page

PERSONAL INFORMATION

Nationality: Italian
E-mail: lorenzoserafini@yahoo.com
Other: Willing to travel, willing to relocate