

WORK EXPERIENCE

2003 - PRESENT Senior Industrial Policy Officer

European Space Agency (HQ in Paris until 2014 and ESTEC in Noordwijk since 2014)

- Support the development and competitiveness of space industry in new ESA Member States and promote the integration of this industry in the European Space supply chain. This is done by assessing national authorities about industrial policy, by orienting national industry, by managing a dedicated industrial projects programme and by assessing procurement policies in ESA programmes
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- Support the implementation of ESA industrial policy by contributing to the definition and implementation of the procurement process and by promoting dialog of industry, with administrations and dialog among industry. In particular applying procurement measures aiming at sustaining a level playing field of independent equipment suppliers in order to control the monopoly of vertically integrated large system integrators.

Business or sector Intergovernmental organisation, space.

1989 - 2003 General Manager

NTE (Barcelona, Spain)

- General Manager of the company growing from 4 persons in 1990 to 80 in 2003. Diversifying from developing experiments for biological research in microgravity into production of full space payloads, instruments for terrestrial large astronomical observatories and software for medical use. The institutional customers included ESA and large scientific infrastructures and cooperation's, the company was awarded with EC grants.
- Direct involvement in the management and engineering of large space projects

Business or sector Space, large scientific infrastructures, equipment for clinical use.

1982 – 1989 Product certification and R&D laboratory manager

Magneti Marelli (Barcelona, Spain)

- Development of the laboratory for the company internal homologation of new models of car dashboards, switches and sensors. Responsible for a local research line on applications of fibre optics in automobile.

Business or sector Automobile

1975 - 1982 Quality assurance officer

Brown Boveri (Barcelona, Spain)

- Support in quality assurance tasks for large motors, generators and transformers for use in nuclear power plants

Business or sector Electrical power plant equipment.

EDUCATION AND TRAINING

Continuous Education

Non-official diplomas after graduation; courses during 2 weeks or more

- Company management (IADA)
- Project management (MBB-ERNO)
- Diverse short courses on intellectual property rights protection, management skills and technical related domains

1975 – 1981

Licenciatura en Ciencias Físicas

Universidad Autónoma de Barcelona

## ADDITIONAL INFORMATION

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Member of the Committee for Space Entrepreneurship of the International Astronautical Federation.

Former member of the council board of the Catalonia Institute for Space Studies (IEEC), of Barcelona Aeronautica I Espai (Baie) and of the Spanish association of space industries Proespacio.

Several technical presentations in international congresses.

3 patents related to the research in fibre optics and in bio-impedance.