

# GERARDO MANCEBO LANDA

Email: [gerardo@astrophys.uk](mailto:gerardo@astrophys.uk)

Languages: Spanish (native), English (fluent), French (advanced)

Spanish and Mexican Nationalities

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## PROFILE

Astrophysicist, Engineer and Senior executive, with extensive leadership experience in complex organizations and national-level institutions. More than 20 years as CEO and board director in the private sector, combined with strong analytical, mathematical, and scientific training.

Brings a rare combination of high-level management, technical engineering background, strategic planning expertise, and passion for scientific outreach — highly relevant to global projects such as the Square Kilometer Array Observatory (SKAO).

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## EDUCATION

### **-Master in Astronomy & Astrophysics**

*Universidad Internacional de Valencia (VIU)*

### **-Alta Dirección (Top Management Program)**

*IPADE Business School*

### **-Mechanical Engineering & Administration**

*Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)*

### **-Internal Combustion Engine Design Program**

*Università di Modena, Italy*

### **-High School (USA)**

Cardigan Mountain School / Culver Military Academy

## Primary and Secondary Education

Instituto Cumbres

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# PROFESSIONAL EXPERIENCE

## **-CEO & Partner — DFM**

*2002 – Present*

Leading one of Mexico's major real-estate development companies with projects across 8 states, 2,500+ employees, 3,000+ homes built per year, and large-scale commercial and office infrastructure.

- Strategic leadership of multidisciplinary teams: engineering, architecture, finance, operations, and planning.
- Deep experience in long-term project management, high-budget execution, and coordination with public and private institutions.
- Oversight of sustainability planning, regulatory compliance, and community development — skills transferable to large-scale scientific infrastructure projects.

## **-CEO — Aeromélica**

*2006 – 2024* Lead executive of an aeromedical services company.

- Direction of aviation operations, emergency logistics, and safety protocols.
- Experience managing highly technical environments and multidisciplinary technical staff.

## **-Applied Mathematics Professor — Universidad Anáhuac**

*2019 – 2021* Taught university-level mathematics with emphasis on analytical reasoning, modeling, and problem-solving — highly aligned with astrophysical analysis.

## **-President — Housing Commission, CONCAMIN (National Confederation of Industrial Chambers)**

*2012 – 2015* National-level leadership role coordinating housing policies, institutional dialogue, and industry strategy.

### **-Member of the Board of Directors — INFONAVIT (National Workers' Housing Fund Institute)**

*2012 – 2015* Participated in the governance of one of Mexico's largest financial and social institutions.

- High-level decision-making, regulatory oversight, inter-institutional policy coordination.

### **-Piston Rod Designer — Ferrari (Italy)**

*1999.* Engineering design work for high-performance automotive systems.

- Technical modeling, materials engineering, and precision design.

### **-Planning Manager — DINE (Grupo DESC)**

*1999 – 2001* Managed corporate planning activities and development strategies.

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## **TECHNICAL & SCIENTIFIC SKILLS**

- Astrophysics
- Radio astronomy fundamentals
- Data analysis with TopCat, Aladin, VOSpec, ADQL
- Modeling, simulation, and scientific investigation
- Mechanical engineering and systems design
- Project leadership in complex technical environments
- Applied mathematics and quantitative analysis