

Born in 21st October 1961

Academic titles:

1985: Civil Engineer (UPC).

1990: Ph. D. in Civil Engineering (UPC).

Academic position: University professor since 2003

Management positions:

1997-2001 Head of studies of the Civil Engineering School of Barcelona

2004-2007 Secretary of the Strength Materials Department of UPC

2006-2007 Subdirector of the Technical School of Industrial Engineering in Barcelona

1994-2003 Secretary of the Spanish Society of Numerical Methods in Engineering

2008 Planning Assessment and Quality Commissioner

Research lines:

- Structural shape optimization.
- Error estimation and mesh adaption for the finite element method.
- Unstructured adaptive mesh generation.
- Control of the discretization error during shape optimization processes.
- Sensitivity analysis.

Research production:

- 30 papers in scientific international journals, 25 of them in JCR indexed ones.
- 80 communications in congresses.
- 3 Ph. D. Direction
- Participation in 19 EC European collaborative projects (8 of them as coordinator).

Other activities:

Founder of the Non Governmental Organisation *Esquerdes s.f.*