

CURRICULUM VITAE



Name: Jorge Alberto Cadete Ambrósio (54)

University: Instituto Superior Técnico, Technical University of Lisbon, Portugal

Department: Mechanical Engineering

Unit: Structural and Computational Mechanics

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Academic degrees:

- Mechanical Engineer, 1981
- PhD Mechanical Engineering, 1991
- Habilitation Mechanical Engineering, 2001

Academic career:

- Research Assistant, Instituto Superior Técnico, 1981-1991
- Assistant Professor, Instituto Superior Técnico, 1991-1995
- Associate Professor, Instituto Superior Técnico, 1995-2010
- Professor of Structural and Computational Mechanics, Instituto Superior Técnico, since 2011
- Pro-Rector of the Technical University of Lisbon, 2002-2007

Visiting scholarships:

- Visiting Professor, Technical University of Denmark, 1995
- Visiting Professor, University of Michigan, 1998-1999

Research interests:

- Multibody dynamics.
- Vehicle dynamics.
- Crashworthiness.
- Biomechanics.
- Structural dynamics.

Research experience:

- Supervisor of R&D projects in different fields of automotive passive safety, railway passive safety, railway dynamics, railway pantograph-catenary interaction and biomechanics.
- Organized and directed 11 International Conferences, Coordinated more than 20 special sessions in international conferences and served as member of committees for more than 40 conferences.
- Editor-in-Chief of the journal Multibody System Dynamics, Member of the editorial board of several international journals and referee of a significant number of international journals in the areas of vehicle dynamics, crashworthiness, biomechanics and computational methods in engineering.
- Member of the Council of the European Mechanics Society (EUROMECH), 2002-2009.
- Supervised more than 15 PhD students (with doctoral work concluded) and a large number of MSc students.
- Co-author of 125 papers in international journals with referee, 190 papers in international conferences and 9 books. Sum of the times cited (ISI/Scopus): 893/1081 and h-index (ISI/Scopus): 17/18.

Prizes:

- Outstanding Teaching Assistant, The University of Arizona, 1998.
- Honorable Mention of the IBM Prize for Young Researchers, 1993.
- Ralph Teetor Educational Award, SAE, 1997.