

CURRICULUM VITÆ



Nuno Miguel Rosa Pereira Silvestre
Department of Mechanical Engineering (DEM), Instituto Superior Técnico (IST)
Institute of Mechanical Engineering (IDMEC), University of Lisbon (UL)

nsilvestre@tecnico.ulisboa.pt

skype: nuno.silvestre2

phone: 00351 21 841 7401

<https://fenix.ist.utl.pt/homepage/ist13506>

<http://www.researcherid.com/rid/A-5644-2010>

<http://orcid.org/0000-0002-2473-4207>

<http://scholar.google.pt/citations?user=mgXXcU0AAAAJ&hl=pt-PT>

Academic degrees

- Licenciata in Civil Engineering, IST-UTL, 1993
- Master in Structural Engineering, IST-UTL, 1997
- PhD in Civil Engineering, IST-UTL, 2005
- Habilitation in Mechanical Engineering, IST-UL, 2015

Academic career

- Research Assistant; IST-UTL, DECivil, 1994-2005
- Assistant Professor, IST-UL, DECivil, 2005-2013
- Associate, IST-UL, DEM, since 2013
- Research Collaborator, CMEST, ICIST, 1993-2005
- Researcher, ICIST, 2005-2013
- Vice-President, ICIST, 2009-2012
- Researcher, IDMEC, since 2014
- Vice-President, IDMEC, 2015-2016

Research interests

- Nanomechanics
- Nonlinear mechanics
- Structural stability
- Computational methods for thin structures
- Nanocomposites
- Multiscale computational methods
- Structural dynamics
- Steel and FRP composite structures

Research experience

- Principal investigator of 5 R&D projects and research member of 12 R&D projects in different fields of nanotechnology, structural stability, and steel and FRP composite structures.
- Author of 117 papers in international journals (indexed in ISI Web of Science), 25 papers in national journals, 200 papers in international conferences and 60 papers in national conferences.
- Author of 1 book, editor of 2 books, author of 12 book chapters and guest editor of 10 special issues of international journals.
- h-index (ISI/GoogleScholar): 20/29 and g-index (ISI/GoogleScholar): 36/54
- Organizing committee member of 10 conferences, coordinator about 20 special sessions in international conferences and member of scientific committees of 30 conferences.
- Supervisor of 14 PhD students (8 with doctoral work concluded) and 38 MSc students.
- Coordinator of 8 courses on advanced and professional qualification in steel structures
- Member of several associations and committees (APMTAC, CMM, SSRC, IIFC, TC7-ECCS, TC135-CEN, Nanofutures, ECCOMAS)
- Recipient of several awards (Ferry Borges 2004, 2010, Vinnakota Award 2004, IJSSD 2007, UTL Scientific Knowledge 2008, APMTAC Young Researcher 2010, UTL/Santander Totta 2011)
- Editor of 2 international journals (indexed in ISI Web of Science): “Data in Brief”, Elsevier, ISSN: 2352-3409 and “Nanomaterials and Nanotechnology”, SAGE Publishing (2015 IF=1.109).
- Member of editorial board of several international journals: “Thin-Walled Structures” (Elsevier), “International Journal of Steel Structures”, (Springer), “Structures and Buildings – Proceedings of the Institution of Civil Engineers”, ICE Publishing, “Coupled Systems Mechanics”, TechnoPress, “International Journal of Mechanics and Applications”, SAP, “International Journal of Composite Materials”, SAP.