



NAAB International Certification

Appendix 2 - Template for Faculty Résumés [limit one page per faculty member]

Name: Pedro António Martins Mendes

Courses Taught (two academic years before current visit):

TECH112, Statics

TECH201, Structural Design

TECH201, Structural Design

Educational Credentials

1980-1985; B. Civil Engng., Technical University of Lisbon, Instituto Superior Técnico

1987-1989; M.Sc. (Civil Engng.), Technical University of Lisbon, Instituto Superior Técnico

1991-1994; Doctorate (Civil Engng.), Technical University of Lisbon, Instituto Superior Técnico

2004; Agrégation (Civil Engng.), Technical University of Lisbon, Instituto Superior Técnico

Teaching Experience

1985-1994; Instructor, Technical University of Lisbon, Instituto Superior Técnico

1994-1996; Assistant Professor, Technical University of Lisbon, Instituto Superior Técnico

1996-2018; Associate Professor with tenure, Technical University of Lisbon, Instituto Superior Técnico

2012-2018; Associate Professor with tenure, University of Lisbon, Instituto Superior Técnico

2018-present; Full Professor, University of Lisbon, Faculty of Architecture

Professional Experience

1988-1990; Project Engineer, GAPRES - Gabinete de Projetos, Engenharia e Serviços, S.A., Lisbon

1985-2000; Consultant (Civil Engng. - Structural issues), Technical University of Lisbon, Instituto Superior Técnico

2015-2018; Consultant (Civil Engng. - Structural issues), University of Lisbon, Instituto Superior Técnico

2018-present; Consultant (Civil Engng. - Structural issues), University of Lisbon, Faculty of Architecture

Licenses/Registration (as appropriate)

1985; Ordem dos Engenheiros, #22120

Selected Publications and Recent Research

MENDES, P.M. & BRANCO, F.A. (1998), "Numerical wind studies for the Vasco da Gama Bridge, Portugal".

Structural Engineering International, IABSE, Vol. 8 (2), p. 124-128

MENDES, P.M. & BRANCO, F.A. (1999), "Analysis of fluid-structure interaction by an Arbitrary Lagrangian-

Eulerian finite element formulation". International Journal for Numerical Methods in Fluids, Vol. 30 (7), p. 897-919

MENDES, P.M. & BRANCO, F.A. (2001), "Unbalanced wind buffeting effects on bridges during double cantilever erection stages". Wind and Structures, Vol. 4 (1), p. 45-62

GOMES, M.G., RODRIGUES, A.M. and MENDES, P.M. (2005), "Experimental and numerical study of wind pressures on irregular-plan shapes". Journal of Wind Engineering and Industrial Aerodynamics, Vol. 93 (10), p. 741-756

MENDES, P.M. and PEDRO, J.O. (1st ed. 2020, 2nd ed. 2022), Dimensionamento de estruturas de edifícios e estruturas especiais, IST Press, ISBN 978-989-8481-74-0

Professional Memberships