Curriculum Vitae

Family Name: Ramos First Name: Luís F. Date of Birth: 10 June 1976 Nationality: Portuguese

Education/ Professional Studies:

Institution: University of Minho
Date From/To: 1999
Degree/ Diploma: Graduation in Civil Engineering
Institution: University of Minho
Date From/To: 2002
Degree/ Diploma: Master
Institution: University of Minho
Date From/To: 2006 (expected)
Degree/ Diploma: PhD

Language skills : (From 1 (notions) to 5 (excellent) for competence) (*=mother tongue)

Language	Speaking	Reading	Writing
English	4	5	3
Portuguese	*		

Membership of Professional bodies:

Portuguese Society of Engineers, since 2002

Other skills:

Luis F. Ramos is currently preparing a PhD on damage detection of ancient masonry structures. He received his MSc degree from University of Minho in 2002. His current research interests include non-destructive tests for damage detection, structural health monitoring of ancient constructions, dynamic tests, sonic tests, finite element analysis and non-linear analysis of masonry constructions. He has been involved in several specialized consultancy projects in Portuguese monuments and in several research projects. He has also been responsible for the installation of automatic monitoring system for the Cathedral of Porto and Monastery of Jerónimos, Lisbon.

Luis F. Ramos has been a member of the Scientific Committee of the 1st International Operational Modal Analysis Conference, April 2005, Copenhagen, Denmark.

Present Position within the organisation:

Research Assistant of the Structural Engineering Group
Department of Civil Engineering
University of Minho

Professional experience Record (relevant to the proposal):

As a member of the Masonry and Historical Constructions Group he participated in over ten case studies in Portuguese monuments including key assets such as Cathedral of Porto (Porto), Monastery of Jerónimos (Lisbon), Paço dos Duques de Bragança (Guimarães), Monastery of Salzedas (Lamego) and Monastery of Pitões das Júnias (North of Portugal).

Location : University of Minho
Date : 2006-
Position : Research Assistant and PhD Student of Civil Engineering Department

Publications (most relevant in the last five years):

Lourenço, P.B.; Ramos, L.F.. Characterization of the Cyclic Behavior of Dry Masonry Joints, ASCE – Structural Engineering, 2004, Vol.130(5), pp. 779-786

Ramos, L.F.; Lourenço, P.B.. Modelling and vulnerability of historical city centers in seismic areas: a case study in Lisbon, Engineering Structures, 2004, Vol.26(9) , pp.1295-1310

Ramos, L.F.; Lourenço, P.B. (2005). Seismic Analysis of one Heritage Compound Building of the Old Lisbon Town, Proc. 250th Anniversary of the 1755 Lisbon Earthquake, Lisbon, November 1-4, 2005, pp. 362-368

Oliveira, D.V.; Ramos, L.F.; Lourenço, P.B.; Roque, J. (2005). Structural Monitoring of the Monastery of Jerónimos, International Conference 250th anniversary of the 1755 Lisbon earthquake, Lisbon, Portugal, pp. 466-473

Lourenço, P.B., Oliveira, D.V., Vasconcelos, G., Ramos, L.F. (2005). Improving the seismic resistance of cultural heritage buildings, 1st US-Portugal International Workshop – Grand challenges in earthquake engineering, Lamego, Portugal, pp. 19.1-19.13

Ramos, L.F.; Lourenço, P.B. (2005). Static and Dynamic Structural Monitoring of The Santa Maria of Belém Church, In Lisbon, Proc. II ECCOMAS Thematic Conference on Smart Structures And Materials, Lisbon, July 18-21, 2005

Ramos, L.F.; Lourenço, P.B.; Costa, A.C. (2005). Operational Modal Analysis for Damage Detection of a Masonry Construction, Proc. 1th Int. Operational Modal Analysis Conference, Copenhagen, Denmark, April 24-26, 2005, pp. 495-502

Lourenço, P.B.; Ramos, L.F.; Vasconcelos, G. (2004). On the cyclic behaviour of stone dry masonry joints, Proc. 13th Int. Brick/Block Masonry Conference, Amsterdam, the Netherlands, pp. 1049-1058

Ramos, L.F.; Lourenço, P.B. (2003). Seismic Analyses of the Old Town Buildings of Baixa Pombalina, in Lisbon, Proc 9th North America Masonry Conference, pp. 932-941

Silva, V.C.; Lourenço, P.B.; Ramos, L.F.; Mesquita, C.G. (2001). Accounting for the “block effect” in strutural interventions in Lisbon’s old “pombaline” dowtown buildings – III Seminário Internacional de Construções Históricas, pp. 943-952

Ramos, L.F.; Lourenço, P.B. (2004). Avaliação da Segurança de Dois Pavimentos em Madeira, CIMAD’04, 1º Congresso Ibérico: a Madeira na Construção, pp.449-454