

Brief Curriculum Vitae

Personal information

First name/ Surname **Maria de Lurdes Belgas da Costa**
Address Rua António Duarte Faustino, 12-D, 4.º Dto – Casal dos Frades – 2300-454 Tomar
Telephones Personal: +351 249101343 Mobile: +351 964431103
Fax +351 249328106
E-mail lbelgas@ipt.pt
Nationality Portuguese
Date of birth 22.12.1956
Gender Female

Desired employment / Occupational field **Adjunct Professor at Polytechnic Institute of Tomar**

Work experience

Dates 1980-2000
Occupation or position held Secondary Scholl Teacher
Main activities and responsibilities Teaching courses for technical professionals in construction
Name and address of employer Escola Secundária de Jácome Ratton
Type of business or sector Civil Office

Dates 1980-2000
Occupation or position held Civil Engineer
Main activities and responsibilities Consulting and supervision of buildings construction works
Name and address of employer Several construction companies
Type of business or sector Independent work

Dates 2000- ...
Occupation or position held Adjunct Professor
Main activities and responsibilities Teaching of undergraduate and master's degree in civil engineering
Name and address of employer Polytechnic Institute of Tomar
Type of business or sector Higher Education Institution

Education and training

Dates 2006-2011
Title of qualification awarded PhD degree
Principal subjects/occupational skills covered Thesis Title: " Characterization of the physical, mechanical and thermal properties of concrete incorporating cork"
Name and type of organisation providing education and training FCTUC - Faculty of Science and Technology from the University of Coimbra

Dates 1995-1997
 Title of qualification awarded Master's degree
 Principal subjects/occupational skills covered Thesis Title: "Mechanical characterization of high strength concrete subjected to high temperatures"
 Name and type of organisation providing education and training FCTUC - Faculty of Science and Technology from the University of Coimbra

Dates 1977-1982
 Title of qualification awarded Degree in Civil Engineering
 Name and type of organisation providing education and training IST - Technical University of Lisbon

Research Projects Involved in a research project funded by the FCT - "Mechanical and thermal characterization of concretes incorporating cork"
 Conducts research in the field of materials and processes for rehabilitating buildings

Personal skills and competences

Other languages

Self-assessment

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

Social skills and competences Member of Portuguese Order of Engineers
 Member of CICC – Research Center in Construction Sciences

Organisational skills and competences Member of the Coordination Committee of the Master in Urban Rehabilitation
 Member of the Coordination Committee of the Master in Technical Maintenance of Buildings
 Responsible for organizing technical sessions, conferences, lectures and study tours of the department of civil engineering.
 Collaborates in developing curricula and protocols for establishment of new courses and partnerships.

Technical skills and competences Teaching: Construction Materials, Construction Processes, Physics of Buildings and Rehabilitation of Buildings.
 In the context of building rehabilitation has executed several works, including the realization of expert reports, preparation of technical reports on the diagnosis of pathologies in buildings and respective proposals for correction. In this field has been producing some publications that highlights.

Computer skills and competences Competent with most Microsoft Office programmes and some experience with HTML
 Competence in other programs of Engineering (Planning, Thermal, etc.)

Last Publications Mascarenhas, J. M. D., Reis, M. L. B. C., Branco, Vulnerabilidade de Edifícios de Autoconstrução – O caso do Bairro da Cova da Moura, CINCOS 2014, Porto, 12 3 13 de Novembro de 2104
 Belgas, M. Lurdes C., "O Contributo do IPT para a Reabilitação Urbana", Santarém 23 de Julho de 2014, nacional.
 Branco, F.G., Belgas, M. Lurdes, "Avaliação do processo de secagem como forma de reduzir as anomalias em pavimentos de betão", Tech ITT, Revista Internacional, Nº34, Out. 2013, Vol. 11, pp.4 -10, ISBN: 1645-55776.

Building heritage – Rehabilitation of Lagares Dèl Rey, future Levada Museum, Rehab2014- International Conference on Perservation, Maintenance and Rehabilitation of Historical Buildings and Structures, Tomar, 19-21 March 2014, Vol. 1, pp. 53-62

Belgas, M.Lurdes, Branco, F. G; Mascarenhas, Jorge M, “Rehabilitation of “Our Lady of Grace” church – Ferreira do Zêzere”, Reheb2014 - International Conference on Perservation, Maintenance and Rehabilitation of Historical Buildings and Structures, 19-21 March 2014, Vol. 1, pp. 41-52

Belgas, M.Lurdes, Branco, F. G; Mascarenhas, Jorge M, “Reabilitação da Igreja de Nossa Senhora da Graça”. ICEUBI 2013, International Conference on Engineering, Universidade da Beira Interior, Covilhã, 27-29 de Novembro de 2013

Belgas, M.Lurdes, Branco, F. G; Mascarenhas, Jorge M, “The Rehabilitation of Building Heritage – Lagares D’el Rey”, XXXIX IAHS, World Congress on Housing Science – Changing needs, adaptative buildings, smart cities, Milan, 0-22 September 2013 (internacional)

Belgas, M.Lurdes, Branco, F. G; Mascarenhas, Jorge M, “Rehabilitation of Brick Covering Walls”, XXXIX IAHS, World Congress on Housing Science – Changing needs, adaptative buildings, smart cities, Milan, 20-22 September 2013

Mascarenhas, J. M. D., Belgas, M. Lurdes C., Branco, Fernando. G., “Contributos para a História da Construção – Dos Gregos até ao séc. XX., HCLB”, 1º Congresso Internacional da História da Construção Luso-Brasileira, Universidade Federal do Espírito Santo, Vitória, Brasil, 4 a 6 de Setembro de 2013

Jorge M. D. Mascarenhas; M. Lurdes Belgas Costa, Fernando G. Branco, “Reabilitação Urbana e Sustentabilidade”, CINCOS’12, Congresso de Inovação na Construção Sustentável, Curia, Setembro 2012.

Jorge M. D. Mascarenhas; M. Lurdes Belgas Costa, Fernando G. Branco, “Reabilitação de Coberturas nos Edifícios dos Lagares D’el Rey – Futuro Museu da Levada” CINCOS’12, Congresso de Inovação na Construção Sustentável, Curia, Setembro 2012.

Fernando G. Branco, Maria de Lurdes Belgas da Costa, “Cork Concrete Mechanical Behavior Under High Temperature”, IAHS XXXVIII, World Congress on Housing, April 16-19, 2012, Istanbul, Turkey

Maria de Lurdes Belgas da Costa, Jorge M. D. Mascarenhas, Fernando G. Branco “Reabilitação de Alvenarias e de Coberturas em Edifícios do Museu da Levada, Construção 2012, Congresso Nacional da Construção, 19 Dezembro, 2012.

Branco, F., Reis, M. L. B. C., “Performance of cork concrete subjected to chloride Migration”, XXXVII IAHS , World Congress on Housing, Santander, October, 2010

M. Lurdes Belgas Costa, Fernando J. G. Branco, “Valorização dos resíduos da indústria da cortiça (granulados) como agregados no fabrico de argamassas e betões”, CINCOS’10, Congresso de Inovação na Construção Sustentável, Curia, 2010.

Mascarenhas, J. M. D., Reis, M. L. B. C., Branco, F. G., “Reabilitação de um edifício para o Museu de Are Contemporânea de Tomar”, Encontro Nacional de Conservação e Reabilitação de Estruturas, Reabilitar2010, LNEC, Lisboa, 2010.

Reis, M. L. B. C., Branco, F., Mascarenhas, J., - “Avaliação do processo de secagem com o forma de reduzir as patologias de revestimentos em pavimentos de betão”, III Congresso Internacional na Recuperação, Manutenção e Restauração dos Edifícios, Rio de Janeiro, Brasil, 2010.

Branco, F., Reis, M. L. B. C., “Comportamento de betões com cortiça face à acção de cloretos”, XXXVII IAHS , World Congress on Housing, Santander, October, 2010

Reis, M.L.B.; Branco, F.G.; Mascarenhas, J.M. – “Técnicas de Reparação em Estruturas de Madeira”, DesegnareCon, ISSN 1828 5961, Preservation of Urban and Architectural Heritage, Bologna, Italy, 2009, Vol.1, No.2, pp.8.

Branco, F.G.; Reis, M.L.B.; Tadeu, A. – Cork Concrete Performance under Freeze-Thaw Cycles. Concrete Solutions09 - Adding value in changing climates. 24th Biennial Conference of the Concrete Institute of Australia, Sydney, Australia, 17-19 September, 2009.

Branco, F.G.; Carvalho, C.; Reis, M.L.B. – Experimental Analysis of the Drying Process of Lightweight Mortars. Concrete Solutions09 - Adding value in changing climates. 24th Biennial Conference of the Concrete Institute of Australia, Sydney, Australia, 17-19 September, 2009.