

Curriculum Vitae

Family Name: Ferreira

First Name: Rui Miguel

Date of Birth: 5 March 1974

Nationality: Portuguese

Education/ Professional Studies:

Institution: University of Minho

Date From/To: 1993/1998

Degree/ Diploma: Graduation in Civil Engineering

Institution: University of Minho

Date From/To: 1998/2000

Degree/ Diploma: MSc

Institution: University of Minho

Date From/To: 2000/2004

Degree/ Diploma: PhD

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

<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
English	*		
Portuguese	5	5	5
Spanish	3	4	3
Norwegian	3	3	2
French	2	3	3

Membership of Professional bodies:

Portuguese Society of Engineers, since 1998

Other Professional bodies:

- IABMAS – International Association for Bridge Management and Safety

- RILEM – International Union of Laboratories and Experts in Construction Materials, Systems and Structures

Other skills:

Rui Miguel Ferreira has been acting as reviewer for the journal Construction and Building Materials. He is currently a member of the TC MAI "Model assisted integral service life prediction of steel reinforced concrete structures with respect to corrosion induced damage" from RILEM. Organizer / co-organizer of the International Symposium Polymers in Concrete in Guimarães, Portugal, the 1st NICC International Seminar - The environment and the improvement of concrete performance in Guimarães, Portugal, the 1st International Seminar on Durability, Management and Maintenance of Concrete Wharfs in Trondheim, Norway, and the national seminars on New Construction Materials, Braga, Degradation and Rehabilitation of Constructions, Guimarães, and Sustainable Construction, Guimarães. He is currently supervising/co-supervising two master degrees and two doctoral theses.

Rui Miguel Ferreira is participating in the European Funded project Sustainable Bridges – Assessment for Future Traffic Demands and Longer Lives contributing to the WP4 - Assessment of safety and remaining service life of deteriorating railway bridges.

Present Position within the organisation:

Assistant Professor

Director of the LMC - Construction Materials Laboratory

Professional experience Record (relevant to the proposal):

Consultant on several occasions with regards to the analysis of material degradation and construction defects, such as the Durability Assessment of the Tua Bridge (Portugal), Assessment of Concrete Performance for the Rion-Antirion Bridge Project (Greece) and the Durability Assessment of the Statoil Tjeldbergodden Wharf Structures (Norway).

Location : University of Minho

Date : 2005-

Position : Director of the LMC – Construction Materials Laboratory - Department t of Civil Engineering

Responsibilities : Director of the LMC

Publications (most relevant in the last five years):

- Ferreira, R.M.; Jalali, S.; Estimating electrical resistivity based on early age measurements, International RILEM Workshop on Performance based evaluation and indicators for concrete durability, Madrid, p. 111-119 (2006)
- Ferreira, R.M.; Jalali, S.; Probability-based durability design of concrete structures in marine environment. Proceeding of Concrete Repair, Rehabilitation and Retrofitting, Cape Town, South Africa, 21-23 November, p.117-123 (2005)
- Ferreira, R.M.; Probability-based durability analysis of concrete structures in marine environments, Doctoral Thesis, University of Minho, Guimarães, ISBN 972-8692-16-1, 321 pp, (2004)
- Gjørsv, O.E. Ferreira, R.M., Sengul, O., Årskog, V., Bestandige Betongkaier - Praktiske retningslinjer for levetidsprosjektering av nye havnekonstruksjoner i betong – Høringsutkast. Oslo, Norsk Havneingeniørforening. p.43. ISBN 82-997099-0-3, (2004)
- Ferreira, R.M.; Jalali, S.; Gjørsv, O.E.; Software for evaluating probability-based integrity of reinforced concrete structures. Proceeding of ICCES'04 – International Conference on Computational & Experimental Engineering and Sciences. Madeira, (2004)
- Camões, A., Cruz, P.J.S., Ferreira, R.M., et al, The use of binary binders as a measure to enhance the durability of concrete structures, IABMAS'04 - 2nd International Conference on Bridge Maintenance Safety and Management, Kyoto, Japan, 18-22 (2004)
- Årskog, V.; Ferreira, R.M.; Gjørsv, O.E.; Durability and Performance of Norwegian Concrete Harbour Structures. CONSEC 04, 4th International Conference on Concrete under Severe Conditions: Environment and Loading, Seoul, Korea, June 27-July 1, p 133-140, (2004)
- Ferreira, R.M.; Jalali, S.; Årskog, V.; Gjørsv, O.E.; Probability-based Durability Analysis of Concrete Harbour Structures. CONSEC 04, 4th International Conference on Concrete under Severe Conditions: Environment and Loading, Seoul, Korea, June 27-July 1, p 999-1006, (2004)
- Ferreira, R.M.; Liu, G.; Nilsson, L.; Gjørsv, O.E.; Blast-Furnace Slag Cements for Concrete Durability in Marine Environment. CONSEC 04, 4th International Conference on Concrete under Severe Conditions: Environment and Loading, Seoul, Korea, June 27-July 1, p 109-116, (2004)
- Ferreira, R.M.; Jalali, S.; Gjørsv, O.E.; Probabilistic Assessment of the Performance of Concrete Harbour Structures. Second International Symposium - ILCDES 2003. Integrated Lifetime Engineering of Buildings and Civil Infrastructures, Kuopio, Finland, (2003)
- Ferreira, R.M.; Jalali, S.; Gjørsv, O.E.; Probability based approach to service life assessment of concrete harbour structures. Proceedings PRO 29 RILEM, 2nd International Workshop on Life Prediction and Aging Management of Concrete Structures, 5-6 May, Paris, France, p.319-328, (2003)