Curriculum Vitae

Family Name: Climent First Name: Molins Date of Birth: 25 April 1965 Nationality: Spanish

Education/ Professional Studies:

Institution: Technical University of Catalonia
Date From/To: 1991
Degree/ Diploma: Graduation in Civil Engineering
Institution: Technical University of Catalonia
Date From/To: 1996
Degree/ Diploma: PhD

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

Language	Speaking	Reading	Writing
English	5	5	5
Spanish	5	5	5
French	2	5	3
Catalan	*		

Membership of Professional bodies:

Spanish Institution of Civil Engineers (Colegio de Ingenieros de Caminos, Calanes y Puertos), since 1992
Other Professional bodies:
- ACHE- Spanish Association for Structural Concrete
- IABSE – International Associations for Bridge and Structural Engineering
- FIB – Fedération Internacionale du Béton

Other skills:

- Climent Molins has participated several research projects funded by the Spanish Ministry of Science and Education, (including *"Mechanical characterisation of traditional or historical brick, ashlar and rubble masonries*") and ARQ2002-04659, *"Strength response and strengthening of masonry constructions subject to cyclic and dynamic actions* [2003-2005].

  Climent Molins has been acting as reviewer for a number of different journals, including Structural Engineering (Elsevier) and Hormigón y Acero (Asociación Científico Técnica del Hormigón Estructural).

  He has worked as a structural consultant engineer (1996-2004) as a responsible of more than two hundred structural designs of bridges and buildings.

  He has been co-organizer of the 4th Arch Bridge Conference (Barcelona, 2004) and the 1st Seminar on Evaluation and Restoration of Architectural Heritage (Barcelona, 2002), among other events.

Present Position within the organisation:

Associate Professor

Professional experience Record (relevant to the proposal):

Consultant in over 10 case studies in Spanish monuments including churches and Gothic Cathedrals (Tarazona Cathedral), Medieval masonry bridges and 20th c. heritage buildings.

Publications (most relevant in the last five years):

Roca, P. Molins, C. Marí. A. R. Strength capacity of masonry wall structures by the equivalent frame method. Journal of Structural Engineering ASCE 131(10), pp 1601- 1609 (2005)

Roca, P., Molins, C. (2004) Experiments on arch bridges. Arch Bridges IV. Advances in assessment, structural design and construction, CIMNE, Barcelona (2004).

Roca, P., Molins, C (Editors) . Arch Bridges IV. Advances in assessment, structural design and construction, ISBN 84-95999-63-3. Center for Numerical Methods in Engineering (CIMNE), Barcelona, pp. 1-765 (2004)

Molins, C. and Roca, P. Analysis of open spandrel masonry arch bridges. Arch '01 Bridge (ISBN 2-85978-347-4). Presse de l'École Nationale dónes Ponts et Chaussées Paris (2001).

Roca, P., Molins, C., Aparicio, A.C. and Sarrablo, V. Experiments on masonry arch bridges. Arch '01 Bridge (ISBN 2-85978-347-4). Presse de l'École Nationale des Ponts et Chaussées Paris (2001).