

Curriculum Vitae

Family Name: Pellegrino **First Name:** Carlo **Date of Birth:** 27 August 1970 **Nationality:** Italian

Education/ Professional Studies:

Institution: University of Padova
Date: 1995
Degree/ Diploma: Graduation in Civil Engineering (cum laude)
Institution: University of Bologna
Date From/To: 1995 - 1998
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	4	5	5
Spanish	1	4	2
Italian	*		

Membership of Professional bodies:

- FIB – Fédération Internationale du Béton
- IABSE - International Association for Bridge and Structural Engineering
- IABMAS - International Association for Bridge Maintenance and Safety
- RILEM - Réunion Internationale des Laboratoires et Experts des Matériaux, Systèmes de Constructions et Ouvrages
- AICAP - Italian Association of Reinforced Concrete and Prestressed Reinforced Concrete

Other skills:

Carlo Pellegrino has been acting as reviewer for a number of international journals including ACI Structural Journal, ACI Materials Journal (American Concrete Institute), Computers & Structures, Advances in Engineering Software, Engineering Structures, Construction and Building Materials. He is a member of the RILEM Technical Committee 207-INR — "Interpretation of NDT results and assessment of Reinforced Concrete Structures" and of the fib Task Group 4.5 "Bond Models". He is also member of the Council of the Graduate School in "Structural Engineering - Modelling, Preservation and Control of Materials and Structures" (University of Trento, Italy).

He holds the courses of Structural Analysis and Design, Faculty of Engineering, University of Padova and Environmental Engineering Structures, Faculty of Engineering, University of Padova. He also holds various post-graduate courses and was supervisor and co-supervisor of many graduation thesis.

Carlo Pellegrino has been involved in national and international research projects (1994-2006) and has been coordinator of the research project "Monitoring and structural rehabilitation of existing structures with innovative materials", Italian Ministry of University and Research (2002-2003) and of the research project "Structural problems related with employment of innovative materials in r.c. and p.r.c. structures", University of Padova (2005).

Present Position within the organisation:

Assistant Professor

Publications (most relevant in the last five years):

- G. Boschetto, C. Pellegrino, D. Tinazzi, C. Modena (2006) "Bond behaviour between FRP sheets and concrete: an experimental study", The 2nd fib Congress, Naples, Italy, 5-8 June 2006.
- C. Pellegrino, G. Boschetto, D. Tinazzi, C. Modena (2005) "Progress on understanding bond behaviour in RC elements strengthened with FRP", International Symposium on Bond Behaviour of FRP in Structures, Hong Kong, China, 8-10 December 2005.
- C. Pellegrino, E. Caon, M. Cazzanello, M. Manera, C. Modena (2005) "Interaction between FRP shear strengthening and transverse steel reinforcement in RC beams", International Conference on Concrete Repair, Rehabilitation and Retrofitting, ICCRRR 2005, Cape Town, South Africa, 21-23 November 2005.
- C. Majorana, C. Pellegrino, V. Salomoni, G. Mazzucco (2005) "Creep, shrinkage and durability effects in concrete girders components of bridge structures", International Conference on creep, shrinkage and durability of concrete and concrete structures, CONCREEP 7, Nantes, France, 12-14 September 2005.
- G. Zanardo, C. Pellegrino, C. Bobisut, C. Modena (2004) "Performance Evaluation of Small Span RC Arch Bridges", Journal of Bridge Engineering, ASCE, Vol. 9, N. 5, pp. 424-434.
- P. Franchetti, M. Grendene, C. Pellegrino, C. Modena (2004) "A methodological approach to bridge maintenance and criteria for seismic risk evaluation", 18th Australasian Conference on the Mechanics of Structures & Materials, Perth, Western Australia, 1-3 December 2004.
- G. Zanardo, C. Pellegrino, C. Modena (2004) "Static and Seismic Performance of Typical RC Arch Bridges", 2nd International Conference on Bridge Maintenance, Safety and Management, IABMAS '04, Kyoto, Japan, October, 19-22, 2004.
- C. Pellegrino, P. Franchetti, A. Soffiato, C. Modena, D. Bruno (2004) "Evaluation Criteria for Bridge Maintenance", 2nd International Conference on Bridge Maintenance, Safety and Management, IABMAS '04, Kyoto, Japan, October, 19-22, 2004.
- D. Tinazzi, C. Pellegrino, G. Cadelli, M. Barbato, C. Modena, R. Gottardo (2003) "An experimental study of RC columns confined with FRP sheets", Proc. of Structural Faults & Repair, 10th Int. Conf., London, UK, 1-3 July, 2003.
- C. Pellegrino, C. Modena (2002) "FRP shear strengthening of RC beams with transverse steel reinforcement", Journal of Composites for Construction, ASCE, Vol. 6, N. 2, pp. 104-111.
- C. Pellegrino, D. Tinazzi, C. Modena (2002) "About RC beams strengthened in shear with FRP sheets", Concrete Structures in the 21st Century, Proc. of The First fib Congress 2002, Osaka, Japan, 13-19 October, 2002, Vol. 1 S. 5.35 and CD-ROM.
- C. Pellegrino, A. Bernardini, C. Modena, (2002) "Shear Failure of HSC Beams with variable shear span-to-depth ratios", in G. König, F. Dehn, T. Faust (Eds.), Proc. of 6th Int. Symp. on Utilization of High Strength/High Performance Concrete, Leipzig, Germany, June 16-20, 2002, Vol. 1, pp. 473-484.