

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name **Alberto Ciavattone**  
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Nationality Italian  
Date of birth 12/08/1983

## INSTRUCTION AND PROFESSIONAL TRAINING

Date 01/2011- 12/2013  
Title of the obtained qualification **PhD Title for the International PhD Course in "Processes, Materials and Constructions in Civil and Environmental Engineering and for The Protection of the Historic-Monumental Heritage" XXVI cycle**  
Title of the thesis: Seismic vulnerability analysis for masonry hospital structures: expeditious and detailed methods  
Name and type of Organization University of Florence - Technische Universität Braunschweig

Date 12/2010  
Title of the obtained qualification **Authorization for the practice of the Civil Engineer Profession - section A**  
Qualifying examination - II° session of the year 2010  
Name and type of Organization University of Florence - Faculty of Engineering

Date 12/2006 - 07/2010  
Title of the obtained qualification **Master Degree in Civil Engineering - Structures Curriculum (110/110 cum laude)**  
Title of the thesis: "Analysis of the damages and seismic vulnerability of village of Castelnuovo in San Pio delle Camere (Aq). Architectural - structural project of a new residential building for the post-earthquake reconstruction".  
Name and type of Organization University of Florence - Faculty of Engineering

Date 09/2002 - 12/2006  
Title of the obtained qualification **Bachelor Degree in Civil Engineering - Structures Curriculum (106/110)**  
Title of the thesis: "Retrofitting of a rural building placed in San Casciano V.P. (Fi) for the realization of a farm".  
Name and type of Organization University of Florence - Faculty of Engineering

Date 11/2003  
Title of the obtained qualification **ECDL – European Computer Driving License**  
Name and type of Organization AICA – Associazione Italiana per l'Informatica ed il Calcolo Automatico

Date 09/1997 - 07/2002  
Title of the obtained qualification **High School Diploma of Surveyor (100/100)**  
Name and type of Organization Istituto tecnico statale per geometri e commerciale Salvemini- D. D'Aosta - Florence

**WORK EXPERIENCES**

Date	02/2014 - ongoing
Type of work	<b>Post-Doc Research Fellow - University of Florence</b>
Main activities	Research in the field of the seismic risk for buildings, in particular for Strategic and Relevant Structures.
Name of the Employer	University of Florence - Department of Civil and Environmental Engineering
Date	10/2010 - ongoing
Type of work	<b>Collaboration with technical offices for engineering services</b>
Main activities	Structural design of retrofitting interventions for existing buildings; realization of new structures; economical administration of the designed interventions.
Date	01/2011- 12/2013
Type of work	<b>International PhD Course in "Processes, Materials and Constructions in Civil and Environmental Engineering and for The Protection of the Historic-Monumental Heritage" XXVI cycle</b>
Main activities	Research in the field of the seismic risk for buildings, in particular for Strategic and Relevant Structures.
Name of the Employer	University of Florence - Technische Universität Braunschweig
Date	09/2009 - 11/2009
Type of work	<b>Technical training in the area hit by the earthquake of 06 April 2009 Damage survey and study of the seismic vulnerability for the built environment of the village of Castelnuovo in San Pio delle Camere (AQ).</b>
Main activities	In situ survey of the structural typologies of the buildings, seismic vulnerability assessment and analysis of the damages. Production of survey forms, realization of a database with the collected information, statistical analysis of the data.
Name of the Employer	University of Florence - Faculty of Engineering
Date	09/2002 - 02/2004
Type of work	<b>Technical training for the profession of surveyor</b>
Main activities	In situ survey and realization of technical drawings of buildings for structural and non-structural interventions.

**PERSONAL SKILLS**

Mother tongue Italian  
Other languages

Language	Comprehension		Spoken language		Written language
	Listening	Reading	Interaction	Production	
English	B2 - intermediate level	B2 - intermediate level	C1 - advanced level	C1 - advanced level	C1 - advanced level
German	A2 - elementary level	A2 - elementary level	A2 - elementary level	A2 - elementary level	A2 - elementary level

Driving licenses A and B

Abilities Design of new buildings made of masonry, wood, reinforced concrete and steel; assessment of the level of safety of existing buildings and design of retrofitting interventions.  
Organization and management of research projects in the structural engineering field, including in-situ campaigns, statistical treatment of data, structural simulations and correlation analyses of the results.

## SCIENTIFIC PUBLICATIONS

- E. Del Monte, A. Borghini, B. Ortolani, A. Vignoli, A. Ciavattone (2011)  
Effetti del sisma del 06/04/2009 sulla frazione di Castelnuovo, Comune di San Pio delle Camere (Aq): il caso studio di un aggregato.  
Atti del Workshop "WONDER Masonry 2011", Firenze, Italy.
- G. Bartoli, M. Betti, P. Biagini, A. Borghini, C. Caccetta, A. Ciavattone, E. Del Monte, L. Facchini, A. M. Marra, M. Orlando, B. Ortolani, L. Salvatori, P. Spinelli, A. Vignoli (2011)  
Analisi push-over di una parete snella in muratura: modellazioni a confronto.  
Atti del Workshop "WONDER Masonry 2011", Firenze, Italy.
- G. Bartoli, M. Betti, P. Biagini, A. Borghini, A. Ciavattone, L. Facchini, A. M. Marra, M. Orlando, B. Ortolani, L. Salvatori, P. Spinelli, A. Vignoli (2012)  
Confronto tra modellazioni numeriche non lineari della risposta sismica di torri in muratura.  
Convegno AID Monuments - Conoscere Progettare Ricostruire, Perugia, Italy.
- A. Ciavattone, A. Borghini, E. Del Monte, B. Ortolani, A. Vignoli (2013)  
Analisi della vulnerabilità sismica degli edifici ospedalieri situati in tre Province della Regione Toscana.  
Atti del XV Convegno ANIDIS "L'Ingegneria Sismica in Italia", Padova, Italy.
- S. Boschi, A. Borghini, A. Ciavattone, E. Del Monte, A. Vignoli (2014)  
Vulnerabilità sismica di centri storici: il caso studio di Castelnuovo (AQ)  
Atti del Workshop "Safe Monuments 2014", Firenze, Italy.
- A. Borghini, A. Ciavattone, S. Boschi, A. Vignoli (2014)  
Metodi di stima della vulnerabilità sismica: il caso di Villa Fabbriotti in Firenze  
Atti del Workshop "Safe Monuments 2014", Firenze, Italy.

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Curriculum updated to 01/09/2014.

