

Europa's Curriculum Vitae

of Alessandra ZAMBRANO

Personal information

First name Alessandra
Last Name Zambrano
Address
Telephone(s)
Fax
E-mail
Web site
Nationality
Date of birth
Gender

Desired employment / Occupational field

**Engineer,
Expert on Earthquake engineering, Civil Protection, Structural Engineering,
Research and Innovation Expert, Project evaluator, Project Monitoring and
Reporting**

Education and training

Dates 18/09/1998
Title of qualification awarded Ph.D. in Earthquake Engineering
Principal subjects/occupational skills covered Earthquake Engineering, Structural Engineering, Dynamics, Structural Identification
Name and type of organisation providing education and training Politecnico di Milano
Level in national or international classification Ph.D.

Dates 07/10/1991
Title of qualification awarded Civil Engineer Degree
Principal subjects/occupational skills covered Civil Engineer, Structural Engineer
Name and type of organisation providing education and training Università degli Studi di Salerno
Level in national or international classification (BA+MS) five years degree, note 110/110 and honour

Dates 1983
Title of qualification awarded Linguistic degree
Principal subjects/occupational skills covered English, French, German languages, literature
Name and type of organisation providing education and training Liceo Linguistico Luisa SanFelice, note 60/60
Level in national or international classification High school

Work experience

Dates	From 1992 to the present
Occupation or position held	Civil Engineer Consultant
Main activities and responsibilities	<i>Civil engineer consulting</i> for the law Court of Salerno. Engineer Coordinator for safety works in Scafati (SA, Italy), project "Rehabilitation of Buildings in via Diaz to change function as ecologic area", 1 year project from July 2012 to June 2013. <i>Designer:</i> Preliminary, Conceptual, Final Design, Work Director safety work coordinator for the project "environmental requalification of rural roads in Mount Massico and Mount Frascara, Sessa Aurunca (CE), June 2011. <i>Member of the bid committee</i> for the works for construction of Vallo della Lucania auditorium, 2010. Professor for the Engineers' course at Ordine degli Ingegneri di Salerno (Italian association for civil Engineers) regarding "safety on work site: precast structures building", June 2011, June 2013, June 2014. <i>Professor</i> for the Engineers' course at Ordine degli Ingegneri di Salerno (Italian association for civil Engineers) regarding "the new conceptual approach for seismic design of reinforced concrete structures: NTC2008 the new Italian law for seismic design" on March 2010. <i>Professor</i> for the specialization course ITS for technicians on construction sites 2007. (20 hours) <i>Tutor</i> for students of the specialization course ITS for technicians on construction sites 2007. <i>Designer:</i> Preliminary, Conceptual, Final Design of water system for Industrial Area in Viaggiano ASI (Potenza). <i>Consultant</i> For IRD Rome for the preliminary, conceptual and final design and tender document preparation of Zezelj Bridge in Novi Sad, Serbia. <i>Coordinator</i> for the safety work site in the construction of roads for the Comunità Montana dei Monti Picentini, 2006. <i>Project designer:</i> Preliminary and Conceptual Design of trekking roads in Giffoni sei Casali (SA), Italy, 2003 <i>Project designer:</i> Civil Engineering consultant at the Municipality of Pontecagnano Faiano (Salerno) (duration: six months). Project: Rehabilitation of the Stadium of Pontecagnano, Design of a play garden for children in Pontecagnano (2001). <i>Project designer:</i> Contract with "Comunità montana Alento Monte Stella", in Laureana Cilento, for the following project: "Retrofit of historical buildings, rural center and roads of particular importance in the national park of Cilento and Vallo di Diano" (from May 1998 until April 2000) preliminary design. <i>Winner</i> of a selection for a position as consulting engineer at the Organization for the natural hydro geological disaster of Sarno coordinated by the University of Salerno Italy. <i>Project designer:</i> Design of roads and sanitary equipment in "rione Sacro Cuore" in Mugnano di Napoli (Napoli), Italy, 2000. <i>Consulting Engineer:</i> Consulting activity: teaching activity at SINECO for the identification of bridges through signal processing, and research activity on the same topic. The project was sponsored by European Commission; project "Brite Euram BE96-3187 SIMCES". <i>Civil engineering consultant</i> at INAR studio in Salerno. (1992) Projects: structural design "Salerno

	2000", of 30 apartments in Salerno; structural design of building "Milara" in Salerno; public parking, "Girasole II" in Salerno; seismic retrofit of building in via Guaiferio historical center of Salerno.
Name and address of employer	Consulting-Engineer free-lance, office in via dei Principati, 39 Salerno
Type of business or sector	Consultant in Civil Engineer
Dates	April 2012 to May 2013
Occupation or position held	Project Manager
Main activities and responsibilities	<i>Project Manager at AIRT Agency for Research and Innovation on the territory, Comunità Montana Vallo di Diano, Padula, (SA) Italy, EU-funded Project (POR FESR 2007-2013), 12 months contract. profile: Manager for the project of efficiency and transparency in the public Administration in the field of city planning, construction law, civil protection and risk, by using ICT.</i>
Name and address of employer	Comunità Montana Vallo di Diano, viale Certosa 1, Padula, Italy
Type of business or sector	Local administration
Dates	April-May-June 2014
Occupation or position held	Professor
Main activities and responsibilities	<i>Teaching "probability and random vibration" (80 hours) at the master on " Vulnerability of infrastructures" for project STRIT financed by PON FESR 2007-2013</i>
Name and address of employer	Eucentre, Pavia
Type of business or sector	Education
Dates	January-April 2014
Occupation or position held	Researcher
Main activities and responsibilities	<i>Research for SMART BUILT Structural Monitoring of ARTistic and historical BUILDing Testimonies, EU funded project</i>
Name and address of employer	Politecnico di Bari, via Orabona Bari, Italy
Type of business or sector	research

Dates	April-May-June 2014
Occupation or position held	Professor
Dates	May-June 2014
Occupation or position held	Research expert evaluator
Main activities and responsibilities	Evaluation of research project for the European Commission, MASCA – ETN HORIZON2020 (n. 1 contract)
Name and address of employer	European Commission, REA, Coven Garden building, place Rogier, Bruxelles
Type of business or sector	Research evaluation
Dates	November 2010 to the present
Occupation or position held	Research expert evaluator
Main activities and responsibilities	Evaluation of industrial research project for the Italian Minister of Economic Development (n. 4 contracts), 2 contracts on FIT and 2 contracts for Energy project for SME
Name and address of employer	Italian Minister of Economic Development
Type of business or sector	Research evaluation
Dates	November 2008, November 2009, November 2010, November 2012, October – November 2013, October-November 2014, December 2014 (n.7 contracts)
Occupation or position held	Research expert evaluator
Main activities and responsibilities	Evaluation of research project for the European Commission, Programme: RFCS Research Funding Coal and Steel (n. 5 contracts)
Name and address of employer	European Commission, Coven Garden building, place Rogier, Bruxelles
Type of business or sector	Research evaluation
Dates	January 2010, July 2011
Occupation or position held	Research expert evaluator
Main activities and responsibilities	Evaluation of research projects for the Republic of Cipro, programme co-funding European Commission.
Name and address of employer	Republic of Cypro.
Type of business or sector	Research evaluation

Dates	1993 to 2009
Occupation or position held	Engineer consultant
Main activities and responsibilities	Recognition of structural damages in seismic areas after the following earthquakes: 1) 1994 Northridge Earthquake, USA. The recognition was coordinated by University of California, EERC, Berkeley. 2) 1997 Umbria and Marche earthquake, the recognition was coordinated by GNDT (Group for National Defence against Earthquakes). 3) 1999 Kocaeli earthquake, Turkey. The recognition was coordinated by Istanbul Technical University ITU. 4) 2009 Abruzzo earthquake, Italy. The recognition was coordinated by Reluis (network of earthquake engineering laboratories) and Italian Civil Protection.
Type of business or sector	Earthquake Engineering consulting/Civil Protection
Dates	February 2006 to 2008
Occupation or position held	Researcher
Main activities and responsibilities	<i>Researcher</i> in Earthquake engineering, research activity on seismic assessment of existing reinforced concrete buildings, the project is financed by Reluis- Protezione Civile (Italian Civil Protection)
Name and address of employer	DIST- Università di Napoli Federico II, via Claudio, Napoli
Type of business or sector	Research
Dates	2001- 2008
Occupation or position held	Researcher and Professor
Main activities and responsibilities	<i>Professor</i> of "Theory and Design of Bridges/ computer design of structures", Master degree in Civil Engineering, Engineer Faculty, Second University of Naples, academic year 2005-2006, 2006-2007 (60 hours of classes). <i>Researcher</i> at Second University of Naples, Department of Civil Engineering, Italy. Research activity on the following topic: Seismic protection of the buildings, in particular monitoring and identification of intervention technique on structures. <i>Teaching assistant</i> for the following courses: " theory of structures" and "earthquake Engineering" at Civil Engineering Faculty, Second University of Naples, Italy. <i>Professor</i> in the Ph.D. Programme in "Retrofit of reinforced concrete and masonry structures" course of "Structural Identification" .
Name and address of employer	Seconda Università di Napoli, Real casa Dell'Annunziata, via Roma, 29 AVERSA (CE) Italy
Type of business or sector	Research/teaching activity
Dates	From 1998 to 2000
Occupation or position held	Researcher, teaching assistant
Main activities and responsibilities	<i>Researcher</i> at Politecnico di Milano, Department of Structural Engineering, Italy. Research activity on the following topic: Analytical and experimental research on reinforced concrete structures subjected to seismic load. <i>Teaching assistant</i> for the following courses: " Mechanics of structures" and " theory of structures" at Architecture Faculty and Engineering Faculty, Politecnico di Milano, Italy.
Name and address of employer	Politecnico di Milano, Piazza Leonardo da Vinci, 32 Milano
Type of business or sector	Research

Dates 1993-1995
Occupation or position held Researcher
Main activities and responsibilities *Research activity* on identification of historical and monumental masonry structures through ultrasonic tests before and after restoration works., at C.N.R. National Council Research, Institute for the conservation of historical monuments. In the first year of research A. Zambrano had a training at University of California at Berkeley .
Name and address of employer C.N.R. National Council Research, Institute for the conservation of historical monuments. ISCOM, Lecce
Type of business or sector Research

Dates From 23/08/1993 to 18/09/1994
Occupation or position held Researcher
Main activities and responsibilities *Visiting scholar* at University of California, EERC, Earthquake Engineering Research Center, Berkeley, USA.
Research activity on seismic performance of structures with energy dissipating devices and of isolate structures. *Ph.D. classes* on random vibration and statistics
Name and address of employer University of California, EERC, Earthquake Engineering Research Center, Berkeley, USA.
Type of business or sector Research

Personal skills and competences

Mother tongue Italian
Other Languages
Self-assessment
European level (*)
English
French
Spanish

Understanding		Speaking				Writing	
Listening	Reading	Spoken interaction		Spoken production			
Excellent	excellent	excellent		excellent		excellent	
Good	good	good		good		good	
Basic	basic	basic		basic		basic	

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Arbitrator for the Sailing Association "CLUB AvVELEnati", Salerno
Tutoring for disable students at Second University of Naples, 2005.
Organization of the exposition of the Torroja's works at Reggia di Caserta (Caserta), Italy

Organisational skills and competences **Participation to the following research projects:**

- "Seismic devices of viscoelastic type to protect buildings", at the University of California, Berkeley USA with the financial support of 3M. (From 8/92 to 9/94).
- "Restoration of historical monuments: identification of masonry structure through no-destructive testing, with the financial support of C.N.R. National Research Council Lecce, (1994-1995).
- European Project: "Brite Euram BE96-3187 SIMCES, System Monitoring Civil Engineering Structures (1998-1999).
- European project: "Shaking table tests on shear panels, made of low-yield steel for seismic protection of structures" with financial support of European Community (TMR program), collaboration with LNEC Lisboa (Portugal), Politecnico di Bari (Italy) and University of

	Gerona (Spain)(1999). • European project, "Experimental test on tempcore steel "(1999). "Experimental tests on concrete panels reinforced through hot-rolled and cold-rolled meshes", University of Brescia and Politecnico di Milano. • "Safety of reinforced concrete structures subjected to earthquake excitation: design with Eurocode 8", with financial support of MURST, Italy, (1999). • "Experimental tests and analytical analysis for the assessment of old iron bridges on the Avellino-Rocchetta line" financed by Ferrovie dello Stato, Italy (2002-2005). • "Seismic assessment of reinforced concrete structures: stairs' influence", financed by Protezione Civile-ReLuis. • "Seismic assessment of silos through shaking table tests", financed by Large Laboratories of European community, the experimental test will be held in Bristol in 2011. Member of the committee for The National Exam for Engineer, University of Salerno, 2009. Member of the Editorial board of IngNews, the newspaper for Engineer, editor the Engineer Association of Salerno. Member of the advisory board of the MiSE (Italian Ministry of Economical Development) for grant, from 2010 selection about R&D projects joining academia and industry, from 2010 Evaluator expert for the EU for research projects, programme RFCS and MASCA-ETN Bruxelles, from 2008 Evaluator expert for the Republic of Cipro for projects co-financed by EU, from 2009. Member of the following Commission of Engineer association of Salerno: Environment, Structure Reviewer for the following technical journal: European Earthquake Engineering (from 1998), Structure and Infrastructure Engineering (from 2006); Journal of Canadian Engineering (from 2005), ASCE journal (from 2007), Ingegneria sismica (2009), Engineering and Structures (Elsevier) (2010). Member of the scientific committee for the international bid "Footbridge Awards 2005", Porto, Portogallo Member of the scientific committee for the international bid "Footbridge Awards 2005", Venezia, Italy.
Technical skills and competences	Licence for coordinator for safety assessment and organization of working site. Technical experience degree in bioengineering (member of AIPIN, Italian Association for Naturalistic landscape Engineering)
Computer skills and competences	Computer languages: Fortran, Basic, Matlab, Knowledge of several programs in WINDOWS and UNIX. Knowledge of the most common engineering software (AUTOCAD 2D/3D), SISMICAD, CERTUS, PRIMUS, SAP2000, ZEUS-NL
Artistic skills and competences	Paintings on ceramics
Other skills and competences	Sailor
Driving licence	Italian driving licence
Additional information	Research Fellowships: • From University of Salerno, fellowship for specialization in abroad university (University of California, Berkeley in USA) 1 year (ref. 1411) project, research title "analysis of structures with no proportional damping". • From C.N.R.(National Council Research) for 2 years (ref.224.18.4) research title "Structural identification of masonry structures of historical and monumental interest to be restored", for 1 year A.Zambrano was visiting scholar at the University of California at Berkeley, USA with this fellowship. • From C.N.R. (National Council Research) for 9 months (ref.201.19.1) on "Structural

identification of masonry structures of historical and monumental interest to be restored".

Courses:

Seismic Engineering PhD courses at the Politecnico di Milano lectures on:

- "Assessment and vulnerability" ;1998
- "Repair and retrofitting of earthquake-damaged structures", 1998.
- "Seismology applied to the Engineering and risk analysis", 1996
- "Seismic design and retrofit of bridges" 1996
- "Dynamics of structures: advanced topics", 1996.
- "Technical codes and structural safety", 1995
- "Safety and reliability in structures", 1995.
- "Experimental Methods in structural dynamics", 1995.

"Fire protection" at C.T.A Naples, 1999.

Ph.D. Courses at the University of California, Berkeley, USA:

- "Times series and system identification", Department of Statistics (from 11/1/94 to 21/5/94).
- "Random vibration", Department of civil Engineering (17/9/93 to 15/12/93)

Course Diana at Università di Tor Vergata, 4-7 May 2004, Roma.

Course "European Funding for research", from 18 to 26 November 2004, Napoli, Federico II (five days course).

Course "Advanced topics in structural dynamics", CISM, Udine 2002 (40 hours)

Course "Computational Aspects of Structural Acoustics and Vibration", CISM, Udine 2006 (40 hours)

Course for the safety of working site (120 hours) held at CSTP Salerno, 2005.

Advanced Course for the safety of working site (12 hours) held at Ordine Ingegneri Salerno Salerno, 2010.

5th Workshop on Landscape defence whose title is "L'Ingegneria Naturalistica nella difesa del suolo: esperienze in campo mediterraneo", Pomigliano D'Arco from 10 to 11 April 2003 AIPIN Sezione Campania.

Course on Naturalistic Geotechnical held at Ordine degli Ingegneri della Provincia di Salerno (March-April 2003).

AUTOCAD 3D Course (from 15.03.01 to 26.04.01), Ordine degli Ingegneri della Provincia di Salerno.

AUTOCAD 2D Course (from 23.01.01 to 01.01.01), Ordine degli Ingegneri della Provincia di Salerno

Annexes

Main Publications:

- A. Zambrano, D. Foti "Damage indices evaluation for seismic resistant structures subjected to low-cycle fatigue phenomena. Int.J.Mech.Sci.(2014), Sci.(2014),vol.78 pp.106-117 .<http://dx.doi.org/10.1016/j.ijmecsci.2013.11.006>.
- A.Zambrano, "Determination of the critical loading conditions for bridges under crossing trains", Engineering Structures, Vol 33 320-329, 2011
- C.A. Castiglioni, A. Zambrano, "Determination of behaviour factor for MR steel frames by a cumulative damage approach", Journal of constructional steel research, may 2010.
- A.Zambrano, "Non-stationary damage indexes to predict low-cycle fatigue", European Earthquake Engineering Journal, vol.1, pp.50-65, 2002.
- A.Zambrano, "Survey in Umbria and Marche after the 1997 earthquake", International Journal for housing Science and its applications, vol. 24, No. 1, pp. 65-83, 2000.
- Zambrano, J. A. Inaudi, J. M. Kelly, "Modal Coupling and the Accuracy of the Modal Strain Energy Method", ASCE, Journal of Engineering Mechanics, Vol. 122 n.7 pp. 603-612, 1996.

- J.A. Inaudi, A. Zambrano, J. M. Kelly, "On the analysis of the structures with viscoelastic dampers", Rep. N. UBC/EERC-93/06, Earthquake Engineering Research Center, University of California, Berkeley, USA, 1993.
- A. Zambrano, M. Rauci, P. Malangone, "A simplified approach to study the dynamics of railway bridges accounting for vehicle-structure interaction", to be published on "Structure and Infrastructure Engineering", 2007.
- E. Cosenza, G.M. Verderame, A. Zambrano, "Seismic performance of stairs in the existing reinforced concrete building", 14th World conference in Earthquake Engineering, Beijin, 2008.
- E. Cosenza, G.M. Verderame, A. Zambrano, "La capacità sismica degli edifici: il ruolo della scala", convegno ReLuis, Roma 2008.
- A.M. Avossa L. D'Agostino, P. Malangone, A. Zambrano, "Valutazione e caratterizzazione dinamica di un ponte in c.a. a tre arcate sul fiume Volturno", Convegno AICAP Salerno, 2007.
- A. Zambrano, M. Rauci, P. Malangone, Vehicle-structure interaction studies for railway bridges using a model optimized on experimental results, Proc. of AVACES conference, Bordeaux, 2005
- A. Zambrano, S. Granata, P. Malangone, Ancient metallic railway bridges: experimental analysis, model updating, durability assessment Proc. of AVACES conference, Bordeaux, 2005.
- A. Zambrano, S. Granata, P. Malangone, A frequency-domain approach to analyse load conditions for railway metallic bridges, proc. of CTA, Ischia 2005
- M. Ferraioli, P. Malangone, M. Rauci, A. Zambrano, "Historical railways bridges: tests and numerical analysis", IV International Seminar Structural analysis of historical construction SAHC, Padova, 2004.
- A. Zambrano, Luigi Mollo "Un'idea per dare spazio alla creatività", Triennale IV of Architecture and Urbanism, international Conference Cities, Commerce, Architecture, Bologna, 2004.
- A. Zambrano, G. Di Lauro, P. Malangone, "Sperimentazione dinamica su travate da ponte: analisi di non linearità della risposta", 2° workshop "Problemi di vibrazioni nelle strutture civili e nelle costruzioni Meccaniche, Perugia, 2004.
- G. Laezza, A. Mandara, A. Zambrano, "Stochastic Damage Analysis Of Masonry Structures", proceedings of 13th World Conference on Earthquake Engineering, Vancouver, Canada, 2004.
- D. Foti, A. Zambrano, "Shear panel for seismic protection of structures", proceedings 13th World Conference in Earthquake Engineering, Vancouver, Canada, 2004.
- M. Ferraioli, P. Malangone, A. Zambrano, "Some iron railway bridges of the nineteenth century in Italy: recent experimental investigations and analytical modelling", 8th international Conf. On Inspection, appraisal & maintenance of structures, Singapore, 2003.
- M. Ferraioli, P. Malangone, A. Zambrano, "Experimental and theoretical analysis of iron bridges of the nineteenth century", proceedings of C.T.A. XIX Congresso Collegio dei Tecnici dell'acciaio, settembre Genova, 2003.
- D. Abruzzese, M. Ferraioli, P. Malangone, A. Zambrano, "Some iron railway bridges of the nineteenth century in Italy; historical considerations and recent investigations", proceedings of Conceptual approach to Structural Design, Milano, 2003.
- M. Ferraioli, P. Malangone, A. Zambrano, "Identification of an ancient Iron Railway Bridge through Dynamic Testing for Seismic Resistance Assessment", proceedings of STESSA 2003, Napoli, Balkema, 2003.
- A. Zambrano, "Stochastic safety factor accounting damage accumulation due to low-cycle fatigue phenomenon", proceedings of "3rd World Conference on Structural Control", Como, 2002.
- A. Zambrano, P. Malangone, "Stochastic damage index accounting low-cycle fatigue phenomenon " proceedings of Probabilistic Methods applied to power system", Napoli, 2002.
- C.A. Castiglioni, M. Garozzo, G. Pasqualato, A. Zambrano, "Evaluation of the Methods to control Bridge Structure and Strengthening repair work. Case study: the viaducts of the San Bernardo connection road", proceedings of "First International Conference on bridge maintenance, safety and management", Barcellona, 2002.
- A. Zambrano, P. Malangone, M. Mancini, "Dynamic Identification of ancient railway bridges", proceedings "First International Conference on bridge maintenance, safety and

management", Barcellona, 2002.

- A.Zambrano, "Survey in Umbria and Marche after the 1997 earthquake", ITU-IAHS International Conference on the Kocaeli Earthquake 17 August 1999, conference proceeding Istanbul, 1999.
- A.Castiglioni, M. Garozzo, G. Pasqualato, S. Vaina de Pava, A.Zambrano, "Control of the efficiency work by dynamic system identification. Case study: Barmes bridge", conferenza 17th IMAC, Kissimmee, Florida, 1999.
- C.A. Castiglioni, M.G. Mulas, A.Zambrano, "Assessment of q-factor for steel frames based on damage accumulation criteria", XVII Congresso C.T.A. Napoli vol. I pp. 257-268, 1998.
- Zambrano, M.G. Mulas, C.A. Castiglioni, "Steel members under cyclic loads: a constitutive law accounting for damage", XVII Congresso C.T.A. Napoli dal 3 vol. I pp. 323-335, 1998.
- Zambrano, P. Rota Rossi Doria, M. Tommasini, "Identification of masonry by impact and ultrasonic test", International Symposium of Non-Destructive Testing in Civil Engineering (NDT-CE), Berlino, pp.401-409, 1995.
- P. Malangone, S. Mazzolani, A. Zambrano, "Modal Combination Rules for Linear Systems with Nonproportional Damping", Conferenza EUROSIM'92 Federation of European simulation societies a Capri, 29/9/92-2/10/92, ed inoltre pubblicato come atti d'istituto, rapporto n. 170, Facoltà di Ingegneria, Università degli studi di Salerno, 1993.
- Zambrano, J. A. Inaudi, J. M. Kelly, "Accuracy of the Modal Strain Energy Method", SPIE vol. 2193 pp. 284-295 Proceedings Smart Structures and Materials: Passive Damping in Orlando, Florida, USA 1994.
- A.Zambrano, Phd Thesis: "Methods based on the theory of the linear accumulation of damage for the assessment of the q-factor", 1998.
- P.Malangone, A.Zambrano: "Dinamica sismica in campo complesso di sistemi lineari con smorzamento di tipo non-classico, rapp.n.27 Università degli Studi di Salerno, Facoltà di ingegneria 1992.
- Zambrano, Master thesis: "Analisi in campo complesso della risposta dinamica e sismica di sistemi lineari con smorzamento di tipo non-classico", tutor prof. P. Malangone, 1991.

Participation to the following conferences:

- EERI Earthquake reconnaissance team training workshop, San Francisco Golden Gate University Auditorium, USA, (26/2/94).
- New strategy for seismic protection of historical buildings, organized by Università degli Studi di Salerno and by "Soprintendenza ai beni Architettonici" of Salerno, Salerno (20/5/93).
- 18th European Regional Earthquake Engineering Seminar, Ecole Central de Lyon, Ecully, Francia, 4/8 September 1995.
- International Symposium Non-Destructive Testing in Civil Engineering (NDT-CE), Berlin, 26/28 September 1995.
- Workshop on Testing and Modelling Innovative Systems for Seismic control of Building and Bridges, Università Federico II Napoli, 17/18 May 1996.
- First European Conference on Structural Control, Barcellona, 29/31 may 1996.
- Gruppo Nazionale per la difesa dei Terremoti GNDT conference, Roma 19/21 October 1998.
- 3rd Cardington Conference, BRE, Bedford, Gran Bretagna 26/27 November 1998.
- XVII Conference C.T.A., Naples 3-7 October, 1998
- ITU-IAHS International Conference on Kocaeli Earthquake 17 August 1999, Istanbul 2-5 December
- 1999. (INVITED LECTURE)
- "Ponts et ouvrages d'art métalliques dans le monde: patrimoine, symboles, usages", 12-13 October 2001, Conservatoire National des Arts et Métier, Paris.
- Conference "Safety in reinforced concrete structure subjected to seismic action; design criteria to collapse and damage reduction on Eurocode 8", University of Rome 3, 14 December 2001, Rome.
- 3rd World Conference on Structural Control", 2002, Como.
- Convegno AICAP, Giornate sul cemento Armato e cemento armato precompresso, June 2002., Bologna

- "First International Conference on bridge maintenance, safety and management", July 2002, Barcellona.
- "PMAPS Probability applied to power system", September 2002, Napoli.
- Stessa 2003, 10-13 June 2003, Napoli.
- Conceptual approach in structural design, 1-2 July 2003, Milano.
- C.T.A. XIX Conference Collegio dei Tecnici dell'acciaio, 28-30 September 2003, Genova.
C.T.A. Collegio dei Tecnici dell'acciaio, Ischia, September 2005.
- Conference "la tecnologia a sostegno della protezione e del recupero del patrimonio culturale: le possibili fonti di finanziamento europee", Apre, Roma, 1 December 2005.
- Conference "città e cooperazione", Venezia on the 2nd December 2005.
- Conference "IV International Seminar Structural analysis of historical construction SAHC", Padova
- 10-13 November 2004
- Conference "Triennale IV of Architecture and Urbanism", international Conference Cities.
- Commerce, Architecture, Bologna 7-8-9 October 2004.
- "13th world Conference in Earthquake Engineering", Vancouver, Canada 1-7 August 2004.
- 2° workshop "Problemi di vibrazioni nelle strutture civili e nelle costruzioni Meccaniche", Perugia 10-11 June 2004.
- ANIDIS, Ingegneria sismica in Italia in Pisa Italy 2007
- RELuis conference, Rome 2006