



CURRICULUM VITAE

FABIO CASCIATI

Posizione accademica

Settore Concorsuale	dal 01/11/2011 08/B2 - SCIENZA DELLE COSTRUZIONI
Settore Scientifico Disciplinare	dal 01/03/2001 ICAR/08 - SCIENZA DELLE COSTRUZIONI
Qualifica	Professore Ordinario
Anzianità nel ruolo di professore di I fascia	01/11/1980
Sede universitaria	Università degli Studi di PAVIA
Dipartimento	Dipartimento di INGEGNERIA CIVILE E ARCHITETTURA
Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:	
dal 01/11/1980 Professore I Fascia Università degli Studi di PAVIA	

Pubblicazioni scientifiche

Pubblicazioni principali

- 2012 - Articolo in rivista
Fabio Casciati, José Rodellar, Umut Yildirim (2012). Active and semi-active control of structures - theory and applications: A review of recent advances. JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES, vol. 23, p. 1181-1195, ISSN: 1045-389X, doi: 10.1177/1045389X12445029
- 2012 - Articolo in rivista
R AlSaleh, F Casciati, A El-Attar, I El-Habbal (2012). Experimental validation of a shape memory alloy retrofitting application . JOURNAL OF VIBRATION AND CONTROL, vol. 18, p. 28-41, ISSN: 1077-5463, doi: 10.1177/1077546311399946
- 2011 - Articolo in rivista
F. Casciati, S. Casciati, L. Faravelli, A. Marzi (2011). Fatigue Damage Accumulation in a Cu-based Shape Memory Alloy: Preliminary Investigation . COMPUTERS, MATERIALS & CONTINUA, vol. 23, p. 287-306, ISSN: 1546-2218, doi: 10.3970/cmc.2011.023.287
- 2011 - Articolo in rivista
Carreras G, Casciati Fabio, Casciati Sara, Isalgue A, Marzi Alessandro, Torra Vincenc (2011). Fatigue laboratory tests toward the design of SMA portico-braces. SMART STRUCTURES AND SYSTEMS, vol. 7, p. 41-57, ISSN: 1738-1584

5. 2011 - Articolo in rivista
Fabio Casciati, Clemente Fuggini (2011). Monitoring a steel building using GPS sensors . SMART STRUCTURES AND SYSTEMS, vol. 7, p. 349-364, ISSN: 1738-1584
6. 2010 - Articolo in rivista
Boumechra Nadir, Casciati Fabio, Hamdaoui Karim (2010). Diagnosis, seismic analysis and reinforcement of an old building in El-Maleh, Algeria. EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, vol. 9, p. 577-586, ISSN: 1671-3664
7. 2009 - Articolo in rivista
F. Casciati, A. L. Marcellini (2009). L`Aquila, Central Italy, April 6, 2009: a Further Lesson to Civil Engineers. THE OPEN CONSTRUCTION & BUILDING TECHNOLOGY JOURNAL, vol. 3, p. 106-112, ISSN: 1874-8368, doi: 10.2174/1874836800903010106
8. 2009 - Articolo in rivista
Casciati F., Giuliano F. (2009). Performance of Multi-TMD in the Towers of Suspension Bridges. JOURNAL OF VIBRATION AND CONTROL, vol. 15, p. 821-847, ISSN: 1077-5463, doi: 10.1177/1077546308091455
9. 2009 - Articolo in rivista
Casciati Fabio, Fuggini Clemente (2009). Engineering vibration monitoring by GPS: long duration records. EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, vol. 8, p. 459-467, ISSN: 1671-3664, doi: 10.1007/s11803-009-9058-8
10. 2009 - Articolo in rivista
F. Casciati, L. Faravelli, R. Al Saleh (2009). An SMA passive device proposed within the highway bridge benchmark. STRUCTURAL CONTROL & HEALTH MONITORING, vol. 16, p. 657-667, ISSN: 1545-2255, doi: 10.1002/stc.332
11. 2009 - Articolo in rivista
Casciati F., Faravelli L. (2009). A passive control device with SMA components: from the prototype to the model. STRUCTURAL CONTROL & HEALTH MONITORING, vol. 16, p. 751-765, ISSN: 1545-2255, doi: DOI: 10.1002/stc.328
12. 2008 - Articolo in rivista
F. CASCIATI, CIMELLARO G.P, DOMANESCHI M (2008). Seismic reliability of a cable-stayed bridge retrofitted with hysteretic devices. COMPUTERS & STRUCTURES, vol. 86, p. 1769-1781, ISSN: 0045-7949, doi: 10.1016/j.compstruc.2008.01.012
13. 2008 - Articolo in rivista
F. CASCIATI, VAN DER EIJK C (2008). Variability in Mechanical Properties and Microstructure Characterization of CuAlBe Shape Memory Alloy for Vibration Mitigation. SMART STRUCTURES AND SYSTEMS, vol. 4, p. 103-122, ISSN: 1738-1584
14. 2008 - Articolo in rivista
F. CASCIATI, UBERTINI F (2008). Nonlinear vibration of shallow cables with semiactive tuned mass damper. NONLINEAR DYNAMICS, vol. 53, p. 89-106, ISSN: 0924-090X, doi: 10.1007/s11071-007-9298-y
15. 2008 - Articolo in rivista
F. CASCIATI, HAMDAOUI K (2008). Modelling the uncertainty in the response of a base isolator. PROBABILISTIC ENGINEERING MECHANICS, vol. 23, p. 427-437, ISSN: 0266-8920, doi: 10.1016/j.probengmech.2007.10.014
16. 2008 - Articolo in rivista
CASCIATI F., FARAVELLI L., FUGGINI C. (2008). Cable Vibration Mitigation by Added SMA Wires. ACTA MECHANICA, vol. 195, p. 141-156, ISSN: 0001-5970, doi: 10.1007/s00707-007-0541-x
17. 2007 - Articolo in rivista
F. CASCIATI, FARAVELLI L, HAMDAOUI K (2007). Performance of Base Isolator with Shape Memory Alloy Bars. EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, vol. 6, p. 401-408, ISSN: 1671-3664, doi: 10.1007/s11803-007-0787-2
18. 2007 - Articolo in rivista
CASCIATI F., ROSSI R. (2007). A Power Harvester for Wireless Sensing Applications. STRUCTURAL CONTROL & HEALTH MONITORING, vol. 14, p. 649-659, ISSN: 1545-2255, doi: 10.1002/stc.179
19. 2007 - Articolo in rivista
CASCIATI F., COLOMBI P., FARAVELLI L. (2007). Inherent Variability of an Experimental Crack Growth Curve. STRUCTURAL SAFETY, vol. 29, p. 66-76, ISSN: 0167-4730
20. 2007 - Articolo in rivista

- CASCIATI F., DOMANESCHI M. (2007). *Semi-active Electro-inductive Devices: Characterization and Modelling*. *JOURNAL OF VIBRATION AND CONTROL*, vol. 13, p. 815-838, ISSN: 1077-5463
21. 2007 - Articolo in rivista
F. CASCIATI, CASCIATI S, FARAVELLI L (2007). *Fatigue Characterization of a Cu-based Shape Memory Alloy*. *PROCEEDINGS OF THE ESTONIAN ACADEMY OF SCIENCES. PHYSICS, MATHEMATICS*, vol. 56, p. 75-83, ISSN: 1406-0086
 22. 2007 - Contributo in volume (Capitolo o Saggio)
CASCIATI F, FARAVELLI L. (2007). *Design Bases vs. Expected Performance for Long Span Suspension Bridges*. In: FABER M.H.; VROUWENVELDER T.; ZILCK K.. *Aspects of Structural Reliability*. p. 1-13, MUNICH:Herbert UTZ Verlag, ISBN: 9783831607525
 23. 2006 - Articolo in rivista
CASCIATI F., CASCIATI S. (2006). *Structural Health Monitoring by Lyapunov Exponents of Non-linear Time Series*. *STRUCTURAL CONTROL & HEALTH MONITORING*, vol. 13, p. 132-146, ISSN: 1545-2255
 24. 2006 - Monografia o trattato scientifico
Casciati Fabio, Magonette G., Marazzi F. (2006). *Technology of Semiactive Devices and Applications in Vibration Mitigation*. CHICHESTER:John Wiley & Sons, ISBN: 9780470022894
 25. 2005 - Articolo in rivista
Casciati Fabio, S. El Borgi, H. Smaoui, K. Jerbi, F. Kanoun (2005). *Seismic Evaluation and Innovative Retrofit of a Historical Building in Tunisia*. *JOURNAL OF STRUCTURAL CONTROL*, vol. 12, p. 179-195, ISSN: 1122-8385
 26. 2005 - Articolo in rivista
CASCIATI FABIO, FARAVELLI L, ROSSI ROBERTO (2005). *Design of a Power Harvester for Wireless Sensing Applications*. *STRUCTURAL HEALTH MONITORING*, p. 1421-1428, ISSN: 1475-9217
 27. 2005 - Articolo in rivista
CASCIATI F, CIMELLARO GIAN PAOLO, DOMANESCHI MARCO (2005). *Vulnerability of a cable stayed bridge*. *COMPUTERS & STRUCTURES*, ISSN: 0045-7949
 28. 2004 - Articolo in rivista
Battaini M., Casciati Fabio, Faravelli Lucia (2004). *Controlling Wind Response through a Fuzzy Controller*. *JOURNAL OF ENGINEERING MECHANICS*, vol. 130, p. 486-491, ISSN: 0733-9399
 29. 2004 - Articolo in rivista
Casciati Fabio, Faravelli Lucia (2004). *Experimental Characterisation of a Cu-based Shape Memory Alloy toward Its Exploitation in Passive Control Devices*. *JOURNAL DE PHYSIQUE IV*, vol. 115, p. 299-306, ISSN: 1155-4339
 30. 2004 - Articolo in rivista
Casciati Fabio, Domaneschi Marco, Faravelli Lucia (2004). *Design and Implementation of a Pointer System Controller*. *NONLINEAR DYNAMICS*, p. 203-215, ISSN: 0924-090X
 31. 2003 - Articolo in rivista
CASCIATI F., DE STEFANO A., MATTA S. (2003). *Simulating a conical tuned liquid damper*. *SIMULATION MODELING PRACTICE AND THEORY*, vol. 11, p. 353-370, ISSN: 1569-190X
 32. 2003 - Articolo in rivista
BONTEMPI F., CASCIATI F., GIUDICI M. (2003). *Seismic response of a cable-stayed bridge: active and passive control systems (Benchmark Problem)*. *JOURNAL OF STRUCTURAL CONTROL*, vol. 10, p. 169-185, ISSN: 1122-8385
 33. 2000 - Articolo in rivista
BATTAINI M., CASCIATI F., FARAVELLI L. (2000). *Some reliability aspects in structural control*. *PROBABILISTIC ENGINEERING MECHANICS*, vol. 15, p. 101-107, ISSN: 0266-8920
 34. 1999 - Articolo in rivista
CASCIATI F., FARAVELLI L., TORELLI G. (1999). *A fuzzy chip controller for nonlinear vibrations*. *NONLINEAR DYNAMICS*, vol. 20, p. 85-98, ISSN: 0924-090X
 35. 1998 - Articolo in rivista
BATTAINI M., CASCIATI F., FARAVELLI L. (1998). *Fuzzy control of structural vibration. An active mass system driven by a fuzzy controller*. *EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS*, vol. 27, p. 1267-1276, ISSN: 0098-8847

Altre Pubblicazioni

1. 2012 - Contributo in Atti di convegno

- D. Ampeliotis, N. Bogdanović, K. Berberidis, F. Casciati, R. AlSaleh (2012). Power-efficient wireless sensor reachback for SHM. In: F. Biondini, D. Frangopol. Bridge Maintenance, Safety, Management, Resilience and Sustainability. July 9-11, 2012, p. 220-226, CRC Balkema, ISBN: 9780415621243*
2. 2012 - Contributo in Atti di convegno
F. Casciati, L. Faravelli, R. Al-Saleh, K. Hinc (2012). Structural Diagnostic via Compressive Sensing. In: F. Biondini, D. Frangopol. Bridge Maintenance, Safety, Management, Resilience and Sustainability. Stresa, July 9-11, 2012, p. 227-231, CRC Press, Balkema, ISBN: 9780415621243
 3. 2012 - Contributo in Atti di convegno
N. Boumechra, F. Casciati, S. Casciati (2012). Assessment of a historical railway bridge toward traffic regulation requirements. In: F. Biondini, D. Frangopol. Bridge Maintenance, Safety, Management, Resilience and Sustainability. Stresa, July 9-11, 2012, p. 1953-1957, CRC Balkema, ISBN: 9780415621243
 4. 2012 - Contributo in Atti di convegno
F. Casciati, S. Casciati, L. Faravelli, M. Franchinotti (2012). Model Order Reduction vs. Structural Monitoring. In: C. Boller. Structural Health Monitoring 2012. Dresda, July 3-6, 2012, vol. 1, p. 830-837, DGZIP, Berlino, ISBN: 9783940283412
 5. 2012 - Contributo in Atti di convegno
Vicenç Torra, Antonio Isalgue, Carlota Auguet, Fabio Casciati, Sara Casciati, Patrick Terriault (2012). SMA Passive Elements for Damping in Stayed Cables: Experimental Results and Simulation. In: Del Grosso A., Basso P.. Smart Structures - Proceedings of the 5th European Conference on Structural Control - EACS2012. Genova, June 18-20, 2012, GENOVA:ERREDI GRAFICHE EDITORIALI, ISBN: 9788895023137
 6. 2012 - Contributo in Atti di convegno
F. Casciati, L. Faravelli, M. Franchinotti (2012). Model Order Reduction vs. Structural Control . In: A. Del Grosso, P. Basso. Smart Structures - Proceedings of the 5th European Conference on Structural Control - EACS 2012. Genova, June 18-22, 2012, GENOVA:ERREDI GRAFICHE EDITORIALI, ISBN: 9788895023137
 7. 2012 - Contributo in Atti di convegno
F. Casciati, S. Casciati, L. Faravelli, M. Franchinotti (2012). Model Order Reduction vs. Structural Control. In: Menou A., Karama M., Moudden A., Benjeddou A., Saouab A, El Hami A.. ACMA2012, International Symposium on Aircraft Materials. Fez, Morocco, May 9-12, 2012, Fez:ACMA2012, ISBN: 9782953480429
 8. 2012 - Contributo in Atti di convegno
Antonio ISALGUE, Vicenç TORRA, Fabio CASCIATI, Sara CASCIATI (2012). NiTi Wires for Dampers and Actuators: Fatigue. In: Del Grosso A., Basso P.. Smart structures - Proceedings of the 5th European Conference on Structural Control - EACS 2012. Genova, June 18-22, 2012, GENOVA:ERREDI GRAFICHE EDITORIALI, ISBN: 9788895023137
 9. 2012 - Contributo in Atti di convegno
Can BALKAYA, Fabio CASCIATI, Daniele BORTOLUZZI, Giorgos KOSTOPOULOS, Nikos BOGONIKOLOS (2012). System Architecture For An Interactive Database To Structural Control Of Transport Network Infrastructure: A Case Study Of Railroad Bridge. In: Del Grosso A., Basso P.. Smart Structures - Proceedings of the 5th Conference on STructural Control - EACS 2012. Genova, June 18-20, 2012, GENOVA:erredì edizioni grafiche, ISBN: 9788895023137
 10. 2011 - Contributo in Atti di convegno
Fabio Casciati, LiJun Wu (2011). A Non Contact Displacement Measurement System Based on Vision System . In: Jie Li, Ying Lei, Zhishen Wu, Ruifeng Liang. Proceedings International Symposium on Innovation & Sustainability of Structures in Civil Engineering. Xiamen, China, 28-30/10/2011, vol. 2, p. 1142-1147, NANJING:Southeast University Press, ISBN: 9787564130299
 11. 2011 - Contributo in Atti di convegno
Casciati F., Casciati S., Chen Z.C., Faravelli L. (2011). WIRELESS UPGRADE OF ACTIVE CONTROL SYSTEMS. In: -. PROC. OF 12th WORLD CONFERENCE ON SEISMIC ISOLATION. SOCHI, 20-23/9/2011, Sochi:University
 12. 2011 - Contributo in Atti di convegno
Fabio CASCIATI, Lucia FARAVELLI, Umut YILDIRIM (2011). Digital Testing of a Control Law for an Active Mass Damper. In: Gentile G., Benedettini F.. EVACES'11. Varenna, Como, October 3-5, 2011 , vol. 2, p. 579-584, BRESCIA:Starrylink, ISBN: 9788896225394
 13. 2011 - Contributo in Atti di convegno

- Casciati F., Wu L. (2011). *Wireless Links for Global Positioning System Receivers*. In: Fu-Kuo Chang. *Structural Health Monitoring 2011*. Stanford, USA, September 13-15, 2011, vol. 2, p. 2082-2089, Lancaster, Pa, USA:DESTech Publications Inc., ISBN: 9781605950532
14. 2011 - Contributo in Atti di convegno
Casciati Fabio, Wu Lijun (2011). *The Wireless Issue in Positioning Systems*. In: G. De Roeck, G. Degrande, G. Lombaert, G. Muller (eds.). *Proceedings EUROODYN2011*. Lovanio, Belgio, 4-6 luglio 2011, p. 2134-2140, Lovanio:Louven University, ISBN: 9789076019314
 15. 2011 - Contributo in Atti di convegno
Casciati F., Faravelli L., Fisher D. (2011). *Some technical challenges in the design of rotating towers*. In: Motavalli M et al.. *Proceedings of SMAR 2011*. Dubai, 2011, p. 52, Zurigo:EMPA, ISBN: 9783905594584
 16. 2011 - Contributo in Atti di convegno
Casciati Fabio, Wu Lijun (2011). *Local Positioning Accuracy*. In: Ming L. Wang et al.. *Proceedings of the Engineering Mechanics Institute 2011 Conference*. Boston, USA, 2-4 giugno 2011, p. 380-390, Boston:Northeastern University
 17. 2011 - Contributo in Atti di convegno
F. Casciati, J. Rodellar, U. Yildirim (2011). *Active and semi-active control of structures: a review of recent advances*. In: G. De Roeck, G. Degrande, G. Lombaert, G. Muller (eds.). *Proceedings EUROODYN2011*. Lovanio, Belgio, 4-6 luglio 2011, p. 62-69, Lovanio:Louven University, ISBN: 9789076019314
 18. 2011 - Contributo in Atti di convegno
Fabio Casciati, Lucia Faravelli (2011). *Aging of the Elastomeric Component in Base Isolators: An Experimental Study*. In: -. 15-06-2011. Beirut, 12-06-2011, p. 349-354, Beirut:Notre Dame University
 19. 2011 - Contributo in Atti di convegno
Vicenç TORRA, Antonio ISALGUE, Carlota AUGUET, Guillem CARRERAS, Fabio CASCIATI, Francisco C. LOVEY, Patrick TERRIAULT (2011). *SMA in mitigation of extreme loads in civil engineering: Study of their application in a realistic steel portico*. In: -. *Applied Mechanics and Materials*. Lugano, Settembre 2011, vol. 82, p. 278-283, Lugano:Trans Tech Publications, Switzerland, doi: 10.4028/www.scientific.net/AMM.82.278
 20. 2011 - Contributo in Atti di convegno
Casciati F., Casciati S., Chen Z., Yildirim U. (2011). *Removing Analog Links In Structural Control*. In: Guleç M.. *12th Int. Workshop on REM*. Kocaeli, Turkey, September 15-16, 2011, p. 13-18, Kocaeli:Kocaeli University, ISBN: 9789758047963
 21. 2011 - Contributo in Atti di convegno
Fabio Casciati, ZhiCong Chen (2011). *Design Constraints for a Wireless Network Architecture*. In: Jie Li, Ying Lei, Zhishen Wu, Ruifeng Liang. *Proceedings of the International Symposium on Innovation & Sustainability of Structures in Civil Engineering*. Xiamen, China, 28-30/10/2011, vol. 1, p. 10-22, NANJING:Southeast University Press, ISBN: 9787564130299
 22. 2011 - Contributo in volume (Capitolo o Saggio)
Casciati F., Wu L. (2011). *Positioning Systems: Global versus Local*. In: Irschik H., Krommer M., Belyaev A.. *Advanced Dynamics and Model-based Control of Structures and Machines*. p. 43-52, Vienna:Springer Verlag, ISBN: 9783709107966
 23. 2010 - Contributo in Atti di convegno
Fabio Casciati, Lijun Wu (2010). *Investigating the Potential of LPS in Structural Mechanics*. In: -. *10th Int. Conf. on Motion and Vibration Control*. Tokyo, August 17-20, 2010, Tokyo:Tokyo University
 24. 2010 - Contributo in Atti di convegno
CASCIATI FABIO, FARAVELLI LUCIA (2010). *Recent advances in structural control*. In: -. *Topical Problems of Continuum Mechanics*. Dilijan, 4-8 Ottobre, Yerevan:National Academy of Sciences of Armenia, ISBN: 9789939630502
 25. 2010 - Contributo in Atti di convegno
Casciati Fabio, Wu Lijun (2010). *Investigating the potential of LPS in structural health monitoring*. In: -. *WICOM 2010*. Chengdu Cina, 23-25 Settembre, Los Alamitos:IEEE, Inc., ISBN: 9781424437092
 26. 2010 - Contributo in Atti di convegno
Alsaleh Raed, Casciati Fabio, El-Attar A., El-Habbal I. (2010). *Experimental investigation toward an SMA retrofitting application*. In: Casciati F. & Giordano M.. *EWSHM 2010*. Sorrento Italy, 28 Giugno - 4 Luglio, p. 1116-1123, Lancaster:DESTech Publications, Inc., ISBN: 9781605950242

27. 2010 - Contributo in Atti di convegno
Boumechra N., Casciati F., Hamdaoui K. (2010). Diagnosis Analysis and Retrofitting of an Old Building in Algeria. In: K. Kasai et al.. Joint Conference Proceedings 7CUEE and 5ICEE. Tokyo, March 3-5, 2010, p. 2125-2132, Tokyo:CUEE
28. 2010 - Contributo in Atti di convegno
Casciati F., Marcellini A., Tento A., Gerosa D. (2010). Prescriptive Seismic Codes: Societal Inconveniences. In: Kasai K. et al.. Joint Conference Proceedings 7CUEE and 5ICEE. Tokyo, March 3-5, 2010, vol. 2, p. 1355-1360, Tokyo:CUEE
29. 2010 - Contributo in Atti di convegno
Casciati Fabio, Wu Lijun (2010). Global VS local positioning systems. In: -. 5WCSCM. Tokyo, Japan, 12-14 JULY, Tokyo:Tokyo University
30. 2010 - Contributo in Atti di convegno
Fabio Casciati, Sara Casciati, Lucia Faravelli, Alessandro Marzi (2010). Fatigue features in Cu-based shape memory alloys. In: Karama M., Menou A., Moudden A. and El Hami A.. International Symposium on Aircraft Materials. Marrakech, May 12-14, 2010, Marrakech:ACMA Marrakech, ISBN: 9782953480412
31. 2010 - Contributo in Atti di convegno
Casciati Sara, Casciati Fabio, Faravelli Lucia (2010). Monitoring aspects in rotating tower. In: -. SEMC 2010. Cape town Sud Africa, 6-8 Settembre, Leiden:CRC Press, ISBN: 9780415584722
32. 2010 - Contributo in Atti di convegno
Casciati Fabio, Wu Lijun (2010). A high precision GPS receiver toward the introduction of LPS in structural mechanics. In: Casciati F & Giordano M.. EWSHM 2010. Sorrento, Italia, 28 Giugno - 4 Luglio, p. 712-719, Lancaster :DEStech Publications, Inc., ISBN: 9781605950242
33. 2010 - Contributo in Atti di convegno
Rodellar J., Luo N., Casciati F. (2010). Hysteresis modeling and identification of device for structural control. In: -. 5WCSCM. Tokyo, Japan, 12-14 JULY, Tokyo:Tokyo University
34. 2009 - Contributo in Atti di convegno
Casciati F., Chen Z. (2009). Using GPS sensors in Structural Mechanics. In: H.Irschik, M. Krommer , K.Watanabe, T.Furukawa (eds.). Proceedings of the 1st Japan-Austria Joint Workshop on Mechanics and Model Based Control of Smart Materials and Structures. Linz, 22-23 September 2008, p. 29-38, Vienna:SpringerWienNewYork, ISBN: 9783211994832
35. 2009 - Contributo in Atti di convegno
Casciati F., Casciati S. (2009). SHM of massive monumental buildings. In: J. Rodellar and E. Reithmeier . 15th International Workshop on Dynamics and Control. Tossa de Mar (Spain), 31 May- 3 June, p. 34-41, Barcellona:CIMNE, ISBN: 9788496736634
36. 2009 - Contributo in Atti di convegno
Casciati F., Faravelli L., Al Saleh R. (2009). Dynamic Architecture vs. Structural Control. In: Cunha A., Dias Rodrigues J.. SMART'09. Porto, July 13-15, 2009, p. 203-214, Porto:Classica Artes Graficas, ISBN: 9789727521135
37. 2009 - Contributo in Atti di convegno
Casciati F., Alsaleh R., Fuggini C. (2009). GPS-Based SHM of a Tall Building: Torsional Effects. In: Fu-Kuo Chang. Proceedings of the 7th International Workshop on Structural Health Monitoring. Stanford University, Stanford, September 9-11, vol. 1, p. 340-347, Lancaster:Destech publications, Inc., ISBN: 9781605950075
38. 2009 - Contributo in Atti di convegno
Alsaleh R., Casciati F., Fuggini C. (2009). DETECTING THE TORSIONAL BEHAVIOR OF A TALL BUILDING BY GPS RECEIVERS. In: M. Papadrakakis, N.D. Lagaros, M. Fragiadakis (eds.) . Proceedings of the . Rhodes, 2224 June , ROTTERDAM:Millpress
39. 2009 - Contributo in Atti di convegno
CASCIATI F, FUGGINI C. (2009). GPS Based Structural Health Monitoring: Uncertainty of the Measurements. In: Safety, Reliability and Risk of Structures, Infrastructures and Engineering Systems. Osaka, September 13-17, London:Taylor & Francis Group
40. 2009 - Contributo in volume (Capitolo o Saggio)
Casciati F., Fuggini C. (2009). Towards Global Positioning System-Based Structural Health Monitoring. In: B.H.V. Topping, L.F. Costa Neves, R.C. Barros. Trends in Civil and Structural Engineering Computing. p. 319-352, Stirlingshire:Saxe-Coburg Publications, ISBN: 9781874672425, doi: 10.4203/csets.22.15

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Casciati F., Al Saleh R. (2008). Moving Toward the Multifunctional Building Suggested by Professor Kobori. In: -. 14th WCEE. Beijing, October 12-17, 2008, BeiJing:CAEE
42. 2008 - Contributo in Atti di convegno
Casciati F., Fuggini C. (2008). Monitoring an industrial steel building by GPS receivers. In: Uhl T., Ostachowicz W., Holnicki-Szulc J. Proceedings of the Fourth European Workshop: Structural Health Monitoring 2008. Cracow , 2-4 July, p. 219-226, Lancaster:DEStech Publications, Inc., ISBN: 9781932078947
43. 2008 - Contributo in Atti di convegno
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44. 2008 - Contributo in Atti di convegno
Casciati F., Faravelli L., Al Saleh R. (2008). Semi-active versus passive controller within the ASCE highway bridge benchmark. In: Ginzinger L. & Ulbrich H.. MOVIC 2008. Munich, September 15-18, 2008, Munich:TUM-Tech GmbH
45. 2008 - Contributo in Atti di convegno
Casciati F., Giuliano F. (2008). Seismic integrity and long-span bridge with tower-deck buffers. In: Santini A. & Moraci N.. AIP Conference Proceedings. Reggio Calabria, July 8-11, 2008, vol. I, p. 145-152, Melville, New York, USA:American Institute of Physics, ISBN: 9780735405424
46. 2008 - Contributo in Atti di convegno
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Titoli

responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

Progetto	Durata	Ruolo Ricoperto
PRIN 1998: MATERIALI E STRUTTURE INTELLIGENTI	24	Coordinatore Progetto
PRIN 2001: Dispositivi e materiali innovativi per l'ingegneria civile	24	Responsabile Unità
PRIN 2004: VINCES - Le vibrazioni nelle costruzioni civili: causa di danno e disturbo, strumento di indagine e valutazione	24	Responsabile Unità
FP6 CO-OPERATION AGREEMENT Open Cali 2003: Seismic Risk Mitigation for Schools and Hospitals Exploiting Smart Materials and Intelligent Systems	36	Coordinatore
FP6-2002-INCO-MPC-1: Wide-range Non-intrusive Devices toward Conservation of Historical Monuments in the Mediterranean Area	36	Coordinatore
FP7-PEOPLE-ITN-2008: Smart Management for Sustainable Human Environment	48	Partecipante
FP4- 1996 - Telematics Applications Program - Project EN 1011	3	Coordinatore
FP5 - Thematic network SAMCO (Structural Assessment, Monitoring and Control)	48	Steering Committee Member
FP5 - INCO2 - ICA3-1999-00006 - CHIME	36	Coordinatore
INTAS Project 97-1140 - Structural control versus seismic mitigation	36	Coordinatore
Leonardo da Vinci grant. LdV Transfer Innovation Project VET in Rapid Earthquake Damage Assessment of Buildings to Avoid the Demolishing (2011-1-TR1- LEO05-27938).	24	Partecipante
COST Action TU0601 titled "Robustness of Structures"- 2007-2011	48	Esperto
COST E24 - Probabilistic Models in Timber Engineering - Vice-presidente - 2000-2005	48	Delegato Italiano
COST E55 - Modelling of the Performance of Timber Structures - 2006-2010	48	Delegato Italiano
COST Action TU0904 - Integrated Fire Engineering and Response -2010-	48	Esperto
EU FP7 - SPARTACUS	36	Partecipante

direzione di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

Tipo	Titolo	Dal	Al
Riviste	Smart Structures and Systems	01/2005	

partecipazione a comitati editoriali di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

Tipo	Titolo	Dal	Al
Riviste	Nonlinear Dynamics	01/1994	05/2009
Riviste	Probabilistic Engineering Mechanics	01/1986	12/1988

Riviste	Structural Safety	01/1994	
Riviste	Journal of Vibration and Control	01/1995	
Riviste	Journal of Structural Control	01/1994	12/2003
Riviste	Journal of Structural Control and Health Monitoring	01/2004	
Riviste	Earthquake Engineering and Engineering Vibrations	01/2002	
Riviste	Vietnam Journal of Mechanics	01/2009	
Riviste	Acta Mechanica Solida Sinica	01/1987	
Riviste	Computers and Structures	01/2002	
Riviste	Earthquake Engineering and Engineering Dynamics	01/1996	12/2003

attribuzione di incarichi di insegnamento o di ricerca (*fellowship*) ufficiale presso atenei e istituti di ricerca, esteri e internazionali, di alta qualificazione

Tipo	Ente	Dal	Al
Ricerca	Virginia Polytechnic Institute and State University - USA	06/1985	09/1985
Ricerca	Stanford University - USA	06/1986	09/1986
Insegnamento e Ricerca	Visiting Professor - Florida Atlantic University - Boca Raton - USA	06/1992	09/1992

direzione di enti o istituti di ricerca di alta qualificazione internazionale

Ente	Dal	Al
Istituto Scienza e Tecnica delle Costruzioni - Università di Pavia	11/1980	10/1982
Dipartimento di Meccanica Strutturale - Università di Pavia	11/1982	10/1983
Corso di Dottorato in Ingegneria Civile - Università di Pavia	11/1994	
Corso di Dottorato in Ingegneria Civile ed Edile-Architettura - Università di Pavia	11/2010	

partecipazione ad accademie aventi prestigio nel settore

Accademia	Dal	Al
European Association for the Control of Structures - President	05/1993	12/2008
International Association of Structural Control - President	10/2000	10/2004
International Association of Structural Control - Board of Directors Member	10/1994	10/2008

conseguimento di premi e riconoscimenti per l'attività scientifica

Keynote lectures:

- CITAEC 96, Singapore, 1996;
- 2nd World Conference on Structural Control, Kyoto, Japan, 1998;
- 3rd European Workshop on Structural Health Monitoring, Granada, Spain, 2006;
- 4th World Conference on Structural Control, San Diego, USA, 2006.

Asian Network of Centers of Research in Smart Structures Technology - Plate in recognition of the cooperation effort - May23, 2006

altri titoli

U-GOV è stato aggiornato dal 1988 per gli articoli su rivista e dal 1997 per le pubblicazioni in atti di convegno. Tutto il pregresso (1972-1996) non è riportato. Si ricordano in particolare i due volumi: Augusti G., Baratta A. and Casciati F., 1984, Probabilistic Engineering Mechanics, Chapman & Hall, London (tradotto anche in russo) Casciati F. and Faravelli L., 1991, Fragility Analysis of Complex Structural Systems, Research Studies Press, Taunton, UK.

Revisore di programmi di ricerca della statunitense National Science Foundation (NFS), dell'europea ESF, per diversi programmi negli FP4, 5 e 6, nonché per le agenzie nazionali di stati quali: Austria, Francia, Italia, Lussemburgo, Romania.

Membro di commissioni per l'assegnazione del dottorato di ricerca a Barcellona, Granada, Hong Kong e Roma.

Responsabile di progetti Cooperlink dal 2006 ad oggi con stati quali Algeria, Armenia e Macedonia.

Organizzatore di Euromech 250, Como, 1989, (Proceedings published by Elsevier, with I. Elishakoff and J.B. Roberts as co-editors, ISBN 0-444-88803-9) e dello IUTAM Symposium on Nonlinear Stochastic Mechanics (Torino, Italy, 1-5 July 1991) (Proceedings, edited by N. Bellomo and F. Casciati, have been published by Springer-Verlag, Berlin, 1992, ISBN 3-540-55545-5.)

Dal 1-11-1987 al 31-10-1990 è stato Presidente del Consiglio di Corso di Laurea in Ingegneria Pavia dell'Università di Pavia.

Dal 1-11-1991 al 31-10-1998 è stato Coordinatore del Corso di Diploma Universitario in Ingegneria delle Infrastrutture dell'Università di Pavia, inserito nel progetto nazionale CAMPUS.