



CURRICULUM VITAE

PAOLO MANTEGAZZA

Posizione accademica

Settore Concorsuale	dal 01/10/2011 09/A1 - INGEGNERIA AERONAUTICA, AEROSPAZIALE E NAVALE
Settore Scientifico Disciplinare	dal 01/12/2000 ING-IND/04 - COSTRUZIONI E STRUTTURE AEROSPAZIALI
Qualifica	Professore Ordinario
Anzianità nel ruolo di professore di I fascia	01/11/1990
Sede universitaria	Politecnico di MILANO
Dipartimento	Dipartimento di INGEGNERIA AEROSPAZIALE

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:

dal 01/08/1980 Professore II Fascia Politecnico di MILANO
 dal 01/11/1990 Professore I Fascia Politecnico di MILANO

Pubblicazioni scientifiche

Pubblicazioni principali

Altre Pubblicazioni

- 2012 - Articolo in rivista
M. Mattaboni, P. Masarati, P. Mantegazza (2012). Multibody Simulation of a Generalized Predictive Controller for Tiltrotor Active Aeroelastic Control. PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS. PART G, JOURNAL OF AEROSPACE ENGINEERING, vol. 226, p. 197-216, ISSN: 0954-4100, doi: 10.1177/0954410011406203
- 2012 - Articolo in rivista
M. Manetti, M. Morandini, P. Mantegazza (2012). Servo-Fluid-Elastic Modeling of Contactless Levitated Adaptive Secondary Mirrors. COMPUTATIONAL MECHANICS, vol. 50, p. 85-98, ISSN: 0178-7675, doi: 10.1007/s00466-011-0676-4
- 2012 - Articolo in rivista
A. Parrinello, P. Mantegazza (2012). Improvements and Extensions to a Full-Potential Formulation Based on Independent Fields . AIAA JOURNAL, vol. 50, p. 571-580, ISSN: 0001-1452, doi:

10.2514/1.J051270

4. 2012 - Articolo in rivista
M. Manetti, M. Morandini, P. Mantegazza, R. Biasi, D. Gallieni, A. Riccardi (2012). *Experimental Validation of Massively Actuated Deformable Adaptive Mirror Numerical Models*. CONTROL ENGINEERING PRACTICE, vol. 20, p. 783-791, ISSN: 0967-0661, doi: 10.1016/j.conengprac.2012.03.018
5. 2012 - Contributo in Atti di convegno
G. Romanelli, M. Castellani, P. Mantegazza, S. Ricci (2012). *Coupled CSD/CFD Non-Linear Aeroelastic Trim of Free-Flying Flexible Aircraft*. In: 53rd AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials Conference. Honolulu, HI, USA, 23-26 Apr. 2012, p. 1-15
6. 2011 - Contributo in Atti di convegno
L. Cavagna, A. Fumagalli, P. Masarati, M. Morandini, P. Mantegazza (2011). *Real-time aeroservoelastic analysis of wind-turbines by free multibody software*. In: Arczewski, K.; Blajer, W.; Fraczek, J.; Wojtyra, M.. *Multibody Dynamics : Computational Methods and Applications*. Warsaw, Poland, Jun 29-Jul 2, 2009, p. 69-86, Barcelona:Springer, ISBN: 9789048199709
7. 2011 - Contributo in Atti di convegno
M. MATTABONI, P. MASARATI, V. MUSCARELLO, G. QUARANTA, P. MANTEGAZZA (2011). *Integrated Flight Mechanics and Aeroelastic Tiltrotor Modeling and Control Using Multibody Simulation*. In: *International Forum on Aeroelasticity and Structural Dynamics (IFASD 2011)*. Paris, France, 26-30 June 2011, p. 1-20
8. 2011 - Articolo in rivista
A. FUMAGALLI, P. MASARATI, M. MORANDINI, MANTEGAZZA P (2011). *Control Constraint Realization for Multibody Systems*. JOURNAL OF COMPUTATIONAL AND NONLINEAR DYNAMICS, vol. 6, p. 1-8, ISSN: 1555-1423, doi: 10.1115/1.4002087
9. 2010 - Articolo in rivista
M. Manetti, M. Morandini, P. Mantegazza (2010). *High Precision Massive Shape Control of Magnetically Levitated Adaptive Mirrors*. CONTROL ENGINEERING PRACTICE, vol. 18, p. 1386- 1398, ISSN: 0967-0661, doi: 10.1016/j.conengprac.2010.07.002
10. 2010 - Articolo in rivista
A. Parrinello, P. Mantegazza (2010). *Independent Two-Fields Solution for Full-Potential Unsteady Transonic Flows*. AIAA JOURNAL, vol. 48, p. 1391-1402, ISSN: 0001-1452, doi: 10.2514/1.J050013
11. 2010 - Articolo in rivista
M. Morandini, M. Chierichetti, P. Mantegazza (2010). *Characteristic Behavior of Prismatic Anisotropic Beam Via Generalized Eigenvectors*. INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol. 47, p. 1327-1337, ISSN: 0020-7683, doi: 10.1016/j.ijsolstr.2010.01.017
12. 2010 - Contributo in Atti di convegno
G. Romanelli, E. Seriola, P. Mantegazza (2010). *A "Free" Approach to Computational Aeroelasticity*. In: 48th AIAA Aerospace Sciences Meeting and Exhibit. Orlando, FL, USA, 4-7 Jan. 2010, p. 1-11, ISBN: 9781600867392
13. 2010 - Contributo in Atti di convegno
R. Biasi, D. Gallieni, P. Salinari, A. Riccardi, P. Mantegazza (2010). *Contactless Thin Adaptive Mirror Technology: Past, Present, and Future*. In: B. L. Ellerbroek et al.. *Adaptive Optics Systems II*. San Diego, CA, US, 27 June-2 July 2010, p. 1-14, WASHINGTON:SPIE, ISBN: 9780819482266, doi: 10.1117/12.858816
14. 2010 - Contributo in Atti di convegno
P. Mantegazza, L. Dozio (2010). *RTAI-Linux per Applicazioni di Motion Control*. In: 53 Convegno Associazione nazionale italiana per l'automazione (ANIPLA) - Motion Control 2010. Milano, Italia, 10-11 Nov. 2010, p. Presentation-
15. 2010 - Contributo in Atti di convegno
M. Manetti, M. Morandini, P. Mantegazza, R. Biasi, D. Gallieni, A. Riccardi (2010). *Modeling and Control of Massively Actuated, Magnetically Levitated, Adaptive Mirrors*. In: 2010 IEEE International Conference on Control Applications (CCA). Yokohama, Japan, 8-10 Sept. 2010, p. 1-7, ISBN: 9781424453627, doi: 10.1109/CCA.2010.5611332
16. 2010 - Contributo in Atti di convegno
M. Manetti, M. Morandini, P. Mantegazza, R. Biasi, D. Gallieni, A. Riccardi (2010). *Experimental*

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17. 2009 - Articolo in rivista
M. Mattaboni, G. Quaranta, P. Mantegazza (2009). *Active Flutter Suppression for a Three-Surface Transport Aircraft by Recurrent Neural Networks. JOURNAL OF GUIDANCE CONTROL AND DYNAMICS*, vol. 32, p. 1295-1307, ISSN: 0731-5090, doi: 10.2514/1.40774
 18. 2009 - Articolo in rivista
MANETTI M, G. QUARANTA, P. MANTEGAZZA (2009). *Numerical Evaluation of Limit Cycles of Aeroelastic Systems. JOURNAL OF AIRCRAFT*, vol. 46, p. 1759-1769, ISSN: 0021-8669, doi: 10.2514/1.42928
 19. 2009 - Contributo in Atti di convegno
D. GALLIENI, M. TINTORI, M. MANTEGAZZA, E. ANACLERIO, L. CRIMELLA, M. ACERBONI, R. BIASI, G. ANGERER, M. ANDRIGHETTONI, A. MERLER, D. VERONESE, J. L. CAREL, G. MARQUE, E. MOLINARI, D. TRESOLDI, G. TOSO, P. SPANÒ, M. RIVA, R. MAZZOLENI, A. RICCARDI, MANTEGAZZA P, M. MANETTI, M. MORANDINI, E. VERNET, N. HUBIN, L. JOCHUM, P. MADEC, M. DIMMLER, F. KOCH (2009). *Voice-Coil Technology for the E-ELT M4 Adaptive Unit. In: 1st International Conference on Adaptive Optics for Extremely Large Telescopes. Paris, France, 22-26 June 2009, p. 1-6*
 20. 2009 - Contributo in Atti di convegno
DOZIO L, P. MANTEGAZZA (2009). *Linux-Rtai in Active Noise and Vibration Control Systems. In: Giornata di studio sui sistemi Real Time. Firenze, 3 Nov. 2009*
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FUMAGALLI A, P. MASARATI, M. MORANDINI, P. MANTEGAZZA (2009). *Control Constraint Realization for Multibody Systems. In: ASME 2009 International Design Engineering Technical Conferences and Computers and Information in En. San Diego, CA, USA, 30 Aug. - 2 Sept. 2009, p. 583-595*
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MANETTI M, G. QUARANTA, P. MANTEGAZZA (2009). *Numerical Evaluation of Limit Cycles of Aeroelastic Systems. In: International Forum on Aeroelasticity and Structural Dynamics (IFASD 2009). Seattle, WA, USA, 21-25 June 2009, p. 1-15*
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MATTABONI M, G. QUARANTA, P. MANTEGAZZA (2009). *Comparison of Flutter Suppression Capabilities of Two Adaptive Control Techniques. In: International Forum on Aeroelasticity and Structural Dynamics (IFASD 2009). Seattle, WA, USA, 21-25 June 2009, p. 1-16*
 25. 2008 - Articolo in rivista
G. Quaranta, P. Masarati, P. Mantegazza (2008). *Continuous-Time Covariance Approaches for Modal Analysis. JOURNAL OF SOUND AND VIBRATION*, vol. 310, p. 287-312, ISSN: 0022-460X, doi: 10.1016/j.jsv.2007.07.078
 26. 2008 - Contributo in Atti di convegno
CAVAGNA L, P. MASARATI, S. RICCI, P. MANTEGAZZA (2008). *Development and Validation of an Investigation Tool for Nonlinear Aeroelastic Analysis. In: 26th Congress of the International Council of the Aeronautical Sciences (ICAS 2008). Anchorage, AK, USA, 14-19 Sept. 2008, p. 1-10, ISBN: 0953399192*
 27. 2008 - Contributo in Atti di convegno
CAVAGNA L, P. MASARATI, G. QUARANTA, P. MANTEGAZZA (2008). *Application of Fluid-Structure Tight Interaction by Multibody/CFD Simulation to Aircraft Aeroelasticity in Free Flight. In: SAAB Flygtekniskt Seminar 2008. Kolmarden, Sweden, 5-6 Nov. 2008, p. 1-Slides*
 28. 2007 - Articolo in rivista
M. MORANDINI, MANTEGAZZA P (2007). *Using Dense Storage to Solve Small Sparse Linear Systems. ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE*, vol. 33, p. 1-12, ISSN: 0098-3500, doi: 10.1145/1206040.1206045
 29. 2007 - Articolo in rivista
L. Cavagna, G. Quaranta, P. Mantegazza (2007). *Application of Navier-Stokes Simulations for Aeroelastic Stability Assessment in Transonic Regime. COMPUTERS & STRUCTURES*, vol. 85, p.

- 818-832, ISSN: 0045-7949, doi: 10.1016/j.compstruc.2007.01.005
30. 2007 - Articolo in rivista
L. Dozio, P. Mantegazza (2007). *General-Purpose Processors for Active Vibro-Acoustic Control: Discussion and Experiences*. CONTROL ENGINEERING PRACTICE, vol. 15, p. 163-176, ISSN: 0967-0661, doi: 10.1016/j.conengprac.2006.05.014
 31. 2007 - Contributo in Atti di convegno
L. CAVAGNA, G. QUARANTA, MANTEGAZZA P (2007). *Computational Aeroelasticity with CFD Models*. In: CAPI 2007 - Calcolo ad Alte Prestazioni in Italia. Milano, Italia, 15-16 Ott. 2007
 32. 2007 - Contributo in Atti di convegno
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 33. 2007 - Contributo in Atti di convegno
MANTEGAZZA P, P. MASARATI, M. MORANDINI, G. QUARANTA (2007). *Computational and Design Aspects in Multibody Software Development*. In: Multibody Dynamics : Computational Methods and Applicationss. Madrid, Spain, 21-24 June 2005, p. 137-158, ISBN: 978-1-4020-5683-3
 34. 2007 - Contributo in Atti di convegno
MATTABONI M, G. QUARANTA, P. MANTEGAZZA (2007). *Recurrent Neural Network Control for Flutter Suppression of an Unconventional Aircraft Configuration*. In: XIX Congresso nazionale AIDAA. Forlì, Italia, 17-20 Set. 2007, p. 1-12
 35. 2007 - Contributo in Atti di convegno
CAVAGNA L, G. QUARANTA, P. MANTEGAZZA, D. MARCHETTI, G. VARALLI, N. WILLIAM (2007). *Computational Aeroelasticity for Dynamics Assessment: the Alenia-Aermacchi M-346 Case*. In: 1st International Aerospace CFD Conference. Paris, France, 18-19 June 2007, p. 1-20
 36. 2007 - Contributo in Atti di convegno
CAVAGNA L, G. QUARANTA, P. MANTEGAZZA, D. MARCHETTI, G. VARALLI, N. WILLIAM (2007). *Transonic Aeroservoelasticity for the Alenia Aermacchi M-346*. In: XIX Congresso nazionale AIDAA. Forlì, Italia, 17-20 Set. 2007, p. 1-12
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CAVAGNA L, G. QUARANTA, P. MANTEGAZZA (2007). *Application of Navier-Stokes Simulations for Aeroelastic Stability Assessment in Transonic Regime*. In: 4th M.I.T. Conference on Computational Fluid and Solid Mechanics. Cambridge, MA, USA, 13-15 June 2007, p. 1-26
 38. 2007 - Contributo in Atti di convegno
FUMAGALLI A, G. QUARANTA, P. MANTEGAZZA (2007). *A Matrix-Free Solution to the Electro-Elastic Problem for MEMS Modelling and Simulation*. In: Coupled problems 2007. Ibiza, Spain, 21-23 May 2007, p. 1-4, Barcelona:CIMNE, ISBN: 9788496736184
 39. 2007 - Contributo in Atti di convegno
MATTABONI M, G. QUARANTA, P. MANTEGAZZA (2007). *Active Flutter Suppression for a Three Surface Transport Aircraft by Recurrent Neural Networks*. In: 48th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials Conference. Honolulu, HI, USA, 23-26 Apr. 2007, p. 1-19, ISBN: 1563478927
 40. 2007 - Contributo in Atti di convegno
CAVAGNA L, G. QUARANTA, P. MANTEGAZZA, D. MARCHETTI (2007). *Aeroelastic Assessment of Free Flying Aircraft in Transonic Regime*. In: International Forum on Aeroelasticity and Structural Dynamics (IFASD 2007). Stockholm, Sweden, 18-20 June 2007, p. 1-14
 41. 2006 - Articolo in rivista
L. CAVAGNA, G. QUARANTA, MANTEGAZZA P, D. MARCHETTI, M. MARTEGANI (2006). *Flexible Flyers in the Transonic Regime*. FLUENTNEWS, vol. 16, p. 5-7, ISSN: 1539-2139
 42. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Formulazione ed analisi di problemi multidisciplinari*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. vol. 1, p. 557-592, MILANO:CEA, ISBN: 8840813454
 43. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali: introduzione e definizioni*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 839-847, MILANO:CEA, ISBN: 8840813454
 44. 2006 - Contributo in volume (Capitolo o Saggio)

- QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali: integrazione di sistemi di equazioni algebrico-differenziali*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 869-877, MILANO:CEA, ISBN: 8840813454
45. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali: stabilità dei metodi di integrazione*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 851-859, MILANO:CEA, ISBN: 8840813454
46. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali : esercizi e complementi*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 884-894, MILANO:CEA, ISBN: 8840813454
47. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali: analisi di metodi per la risoluzione di sistemi meccanici*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 863-869, MILANO:CEA, ISBN: 8840813454
48. 2006 - Contributo in volume (Capitolo o Saggio)
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2006). *Integrazione numerica di equazioni differenziali: metodi di integrazione per equazioni differenziali ordinarie*. In: F. Cheli, E. Pennestrì. *Cinematica e dinamica dei sistemi multibody*. Vol. 1: Teoria. p. 847-851, MILANO:CEA, ISBN: 8840813454
49. 2006 - Contributo in Atti di convegno
BRAGHIN F, F. CHELI, P. MANTEGAZZA, P. MASARATI, G. QUARANTA (2006). *Multibody Dynamics Teaching Experience at Politecnico di Milano*. In: *1st Workshop on Multibody System Dynamics*. Paestum, Italy, 27-28 Apr. 2006, p. 1-8
50. 2006 - Contributo in Atti di convegno
FUMAGALLI A, G. QUARANTA, P. MANTEGAZZA (2006). *MEMS Integrated Electro-Fluid-Elastic Modelling for Aerospace Applications*. In: *CANEUS 2006: MNT for Aerospace Applications*. Toulouse, France, 27 Aug. - 1 Sept. 2006, p. 1-10, ISBN: 0791837874
51. 2005 - Articolo in rivista
L. CAVAGNA, G. QUARANTA, MANTEGAZZA P (2005). *Aeroelasticità computazionale con modelli CFD*. *BOLLETTINO DEL C.I.L.E.A.*, vol. 98, p. 18-30, ISSN: 1120-2440
52. 2005 - Articolo in rivista
L. CAVAGNA, G. QUARANTA, MANTEGAZZA P, E. MERLO, D. MARCHETTI, M. MARTEGANI (2005). *Preliminary Assessment of the Complete Aeroelastic Simulation of the M-346 in Transonic Condition with a CFD Navier-Stokes Solver*. *AEROTECNICA, MISSILI E SPAZIO*, vol. 84, p. 115-127, ISSN: 0365-7442
53. 2005 - Contributo in Atti di convegno
CAVAGNA L, G. QUARANTA, G. L. GHIRINGHELLI, P. MANTEGAZZA (2005). *Efficient Application of CFD Aeroelastic Methods Using Commercial Software*. In: *International Forum on Aeroelasticity and Structural Dynamics (IFASD 2005)*. Munich, Germany, 28 June - 1 July 2005, p. 1-16, ISBN: 393218243X
54. 2005 - Contributo in Atti di convegno
VIGONI E, L. DOZIO, G. L. GHIRINGHELLI, P. MANTEGAZZA (2005). *Sisifo: a Flexible System for Control of Multiple Fatigue Tests*. In: *XVIII Congresso nazionale AIDAA*. Volterra, Italia, 19-22 Set. 2005, p. 1-9
55. 2005 - Contributo in Atti di convegno
M. Attolico, P. Masarati, P. Mantegazza (2005). *Trajectory Optimization and Real-Time Simulation for Robotics Applications*. In: *Multibody Dynamics 2005 - ECCOMAS Thematic Conference on Advances in Computational Multibody Dynamics*. Madrid, Spain, 21-24 June 2005, p. 1-10, ISBN: 8474933536
56. 2005 - Contributo in Atti di convegno
CAVAGNA L, G. QUARANTA, P. MANTEGAZZA, E. MERLO, D. MARCHETTI, M. MARTEGANI (2005). *Preliminary Assessment of the Complete Aeroelastic Simulation of the M-346 in Transonic Condition with a CFD Navier-Stokes Solver*. In: *XVIII Congresso nazionale AIDAA*. Volterra, Italia, 19-22 Set. 2005, p. 1-13
57. 2005 - Contributo in Atti di convegno

- MASARATI P, M. MORANDINI, G. QUARANTA, P. MANTEGAZZA (2005). *Computational Aspects and Recent Improvements in the Open-Source Multibody Analysis Software "MBDyn"*. In: *Multibody Dynamics 2005 - ECCOMAS Thematic Conference on Advances in Computational Multibody Dynamic*. Madrid, Spain, 21-24 June 2005, p. 1-15, ISBN: 8474933536
58. 2005 - Contributo in Atti di convegno
M. Morandini, P. Masarati, P. Mantegazza (2005). *Performance Improvements in Real-Time General-Purpose Multibody Virtual Experiment of Rotorcraft Systems*. In: *31st European Rotorcraft Forum*. Firenze, Italy, 13-15 Sept. 2005, p. 1-11
59. 2005 - Contributo in Atti di convegno
QUARANTA G, P. MASARATI, P. MANTEGAZZA (2005). *A Conservative Mesh-Free Approach for Fluid Structure Interface Problems*. In: *Computational methods for coupled problems in science and engineering*. Santorini, Greece, 24-27 May 2005, p. 1-22, Barcelona:CIMNE, ISBN: 84-95999-71-4
60. 2005 - Contributo in Atti di convegno
MORANDINI M, P. MASARATI, P. MANTEGAZZA (2005). *A Real-Time Hardware In-The-loop Simulator for Robotics Applications*. In: *Multibody Dynamics 2005 - ECCOMAS Thematic Conference on Advances in Computational Multibody Dynamic*. Madrid, Spain, 21-24 June 2005, p. 1-11, ISBN: 8474933536
61. 2005 - Contributo in Atti di convegno
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62. 2004 - Articolo in rivista
G. Quaranta, P. Mantegazza, P. Masarati (2004). *Assessing the Local Stability of Periodic Motions for Large Multibody Non-Linear Systems Using Proper Orthogonal Decomposition*. *JOURNAL OF SOUND AND VIBRATION*, vol. 271, p. 1015-1038, ISSN: 0022-460X, doi: 10.1016/j.jsv.2003.03.004
63. 2004 - Contributo in Atti di convegno
P. Masarati, M. Attolico, M.W. Nixon, P. Mantegazza (2004). *Real-Time Multibody Analysis of Wind-Tunnel Rotorcraft Models for Virtual Experiment Purposes*. In: *4th Decennial Specialists' Conference on Aeromechanics*. American Helicopter Society. San Francisco, CA, USA, 21-23 Jan. 2004, p. 1-10
64. 2004 - Contributo in Atti di convegno
MASARATI P, D.J. PIATAK, J.D. SINGLETON, P. MANTEGAZZA (2004). *An Investigation of Soft-Inplane Tiltrotor Aeromechanics Using Two Multibody Analyses*. In: *4th Decennial Specialists' Conference on Aeromechanics*. American Helicopter Society. San Francisco, CA, USA, 21-23 Jan. 2004, p. 1-10
65. 2004 - Contributo in Atti di convegno
QUARANTA G, G. BINDOLINO, P. MASARATI, P. MANTEGAZZA (2004). *Toward a Computational Framework for Rotorcraft Multi-Physics Analysis: Adding Computational Aerodynamics to Multibody Rotor Models*. In: *30th European Rotorcraft Forum*. Marseilles, France, 14-16 Sept. 2004, p. 1-14
66. 2004 - Contributo in Atti di convegno
R. BUCHER, DOZIO L, P. MANTEGAZZA (2004). *Rapid Control Prototyping with Scilab/Scicos and Linux/RTAI*. In: *1st International Scilab Conference*. Paris, France, 2-3 Dec. 2004, p. 1-11
67. 2004 - Contributo in Atti di convegno
DOZIO L, P. MANTEGAZZA (2004). *Discussion on Real Time Implementation of Active Noise and Vibration Controllers Using General Purpose Hardware*. In: *International Symposium on Active Control of Sound and Vibration (ACTIVE 2004)*. Williamsburg, VA, USA, 20-22 Sept. 2004, p. 1-11
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R. Biasi, M. Andrighettoni, A. Riccardi, V. Biliotti, L. Fini, P. Mantegazza, D. Gallieni (2004). *Dedicated flexible electronics for adaptive secondary control*. In: *D. Bonaccini Calia, B. L. Ellerbroek, R. Ragazzoni. Advancements in Adaptive Optics*. Glasgow, Scotland, 21 Oct. 2004, p. 1502-1513, WASHINGTON:SPIE
69. 2003 - Contributo in Atti di convegno
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- Aeroelasticity and Structural Dynamics (IFASD 2003). Amsterdam, NL, 4-6 June 2003, p. 1-12*
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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: Ricerca di base sulle vibrazioni fluidoelastiche su corpi tozzi e profili alari	24	Responsabile Unità