

# Curriculum Vitæ

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## Informazioni personali

Nome BORBONI Alberto  
Indirizzo Dipartimento di Ing. Mec. e Ind. e Ind. - Via Branze, 38 - 25123 - Brescia (BS)  
Telefono 030-3715401  
Fax 030-3702448  
E-mail alberto.borboni@unibs.it  
Cittadinanza ITA  
Data di nascita 24/07/1973

## Titoli di studio

A.A. conseguimento 2001/2002  
Titolo conseguito Dottore di ricerca  
Descrizione Meccanica Applicata  
Nome e indirizzo istituzione Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA

A.A. conseguimento 1996/1997  
Titolo conseguito Laurea (vecchio ordin.)  
Descrizione DIPLOMA DI LAUREA IN INGEGNERIA MECCANICA  
Nome e indirizzo istituzione Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA

## Esperienze

Periodo 29/12/2015 - oggi  
Posizione Ricercatore universitario a t.d.  
Qualifica Ricercatore a t.d. (art. 24 c.3-b L. 240/10)  
Nome e indirizzo istituzione Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA  
Struttura Dip. L.240/2010 INGEGNERIA MECCANICA E INDUSTRIALE

Periodo 15/01/2007 - 29/12/2015  
Posizione Dipendente tecnico-amministrativo  
Qualifica Posizione economica D1  
Tipo di attività svolta Università degli Studi di Brescia  
Nome e indirizzo istituzione Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA  
Struttura Dip. INGEGNERIA MECCANICA E INDUSTRIALE

Periodo 01/06/2006 - 30/11/2006  
Posizione Assegnista di ricerca

Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA
Periodo	19/01/2004 - 19/01/2006
Posizione	Borsista post-doc
Tipo di attività svolta	Microattuatori: Principi e Applicazioni
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA
Esperienza	Partecipazione a progetto di ricerca
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA
Titolo progetto	STUDIO TEORICO SPERIMENTALE E PROTOTIPAZIONE DI DUE MANIPOLATORI PARALLELI DI PICCOLA TAGLIA PER APPLICAZIONI SPECIALI.
Tipo bando	PRIN
Anno bando	2003
Responsabile U.O.	Rodolfo FAGLIA
Periodo	01/03/2003 - 31/12/2003
Posizione	Assegnista di ricerca
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA
Esperienza	Partecipazione a progetto di ricerca
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA
Titolo progetto	SIMULAZIONE, PROGETTAZIONE E SPERIMENTAZIONE DI UN PROTOTIPO DI ESAPODE PER ELEVATI CARICHI INERZIALI
Tipo bando	PRIN
Anno bando	2000
Responsabile U.O.	Rodolfo FAGLIA
Periodo	01/11/1999 - 01/11/2002
Posizione	Dottorando
Tipo di attività svolta	Dottorato di Ricerca in Meccanica Applicata
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA E INDUSTRIALE
Periodo	01/02/2000 - 30/04/2000
Posizione	Assegnista di ricerca
Nome e indirizzo istituzione	Università degli Studi di BRESCIA - Piazza del Mercato, 15 - BRESCIA
Struttura	Dip. INGEGNERIA MECCANICA

Aggogeri Francesco, Avanzini Andrea, Borboni Alberto, Pandini Stefano (2017). A Robot Gripper in Polymeric Material for Solid Micro-Meso Parts. INTERNATIONAL JOURNAL OF AUTOMATION TECHNOLOGY, vol. 11, p. 311-321, ISSN: 1881-7629, doi: 10.20965/ijat.2017.p0311

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Borboni Alberto, Amici Cinzia, Cappellini Valter, Faglia Rodolfo (2017). Vibration modes of piezoelectric bimorphs: A sensitivity analysis. In: Mechanisms and Machine Science. vol. 47, p. 467-474, Kluwer Academic Publishers, ISBN: 9783319483740, ita, 2016, doi: 10.1007/978-3-319-48375-7\_50

Borboni Alberto, Villafañe Jorge H, Mullè Chiara, Valdes Kristin, Faglia Rodolfo, Taveggia Giovanni, Negrini Stefano (2017). Robot-Assisted Rehabilitation of Hand Paralysis After Stroke Reduces Wrist Edema and Pain: A Prospective Clinical Trial. JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS, vol. 40, p. 21-30, ISSN: 0161-4754, doi: 10.1016/j.jmpt.2016.10.003

Abagnale Carmelina, Aggogeri Francesco, Borboni Alberto, Strano Salvatore, Terzo Mario (2016). Dead-zone effect on the performance of state estimators for hydraulic actuators. MECCANICA, p. 1-11, ISSN: 0025-6455, doi: 10.1007/s11012-016-0563-3

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Pellegrini Nicola, Ricatto Raffaele (2016). Real-time performance of mechatronic PZT module using active vibration feedback control. SENSORS, vol. 16, ISSN: 1424-8220, doi: 10.3390/s16101577

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Borboni A., De Santis D., Solazzi L., Villafane J.H., Faglia R. (2016). Ludwick cantilever beam in large deflection under vertical constant load. THE OPEN MECHANICAL ENGINEERING JOURNAL, ISSN: 1874-155X

Borboni A., Maddalena M., Rastegarpanah A., Saadat M., Aggogeri F. (2016). Kinematic performance enhancement of wheelchair-mounted robotic arm by adding a linear drive. In: 2016 IEEE International Symposium on Medical Measurements and Applications, MeMeA 2016 - Proceedings. vol. 1, p. 403-408, IEEE, ISBN: 978-146739172-6, University of Sannio; Benevento; Italy, 15 May 2016 through 18 May 2016, doi: 10.1109/MeMeA.2016.7533770

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Borboni A., Lancini M., Faglia R. (2014). Residual vibration reduction with commanded motion optimization. In: 12th Biennial Conference on Engineering Systems Design and Analysis. vol. 2, p. 1-7, ASME, ISBN: 978-079184584-4, Copenhagen, DENMARK, JUN 25-27, 2014, doi: 10.1115/ESDA2014-20071

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G. Taveggia, J. H. Villafañe, F. Vavassori, C. Lecchi, A. Borboni, S. Negrini (2014). Multimodal treatment of distal sensorimotor polyneuropathy in diabetic patients: a randomized clinical trial.. JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS, vol. 37, p. 242-252, ISSN: 0161-4754, doi: 10.1016/j.jmpt.2013.09.007



Ileana Bodini, Alberto Borboni, Matteo Lancini, Stefano Pandini, Simone Pasinetti, David Vetturi (2014). Measurement of forces exerted by a polymeric shape-memory stent for biomedical applications. In: Proceedings of IX Congress NATIONAL GROUP OF MECHANICAL AND THERMAL MEASUREMENTS. p. 43-47, Universitas Studiorum, ISBN: 9788897683681, Ancona, 11-13 Sept 2014

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Solazzi Luigi, Scalmana Roberto, Adamini Riccardo, Faglia Rodolfo, Borboni Alberto (2014). Design of an innovative olive picking machine. E-JOURNAL - CIGR, vol. 16, p. 102-112, ISSN: 1682-1130

Stefano Pandini, Alberto Borboni, Ileana Bodini, David Vetturi, Danilo Cambiaghi, Katia Paderni, Massimo Messori, Maurizio Toselli, Theonis Ricco' (2014). Evaluation of the shape memory performances of poly(??-caprolactone)-based tubular devices for potential biomedical applications. In: Book Series: AIP Conference Proceedings. AIP CONFERENCE PROCEEDINGS, vol. 1599, p. 306-309, MELVILLE, NY 11747-4501 USA:D'Amore, A; Acierno, D; Grassia, L, ISBN: 9780735412330, ISSN: 0094-243X, doi: 10.1063/1.4876839

Stefano Pandini, Theonis Ricco', Alberto Borboni, Ileana

Bodini, David Vetturi, Danilo Cambiaghi, Maurizio Toselli, Katia Paderni, Massimo Messori, Francesco Pilati, Federica Chiellini, Cristina Bartoli (2014). Tailored One-Way and Two-Way Shape Memory Capabilities of Poly(epsilon-Caprolactone)-Based Systems for Biomedical Applications. JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol. 23, p. 2545-2552, ISSN: 1059-9495, doi: 10.1007/s11665-014-1033-5

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