


<p align="center">Europass Curriculum Vitae</p> <p align="center">Personal information</p> <p>First name(s) / Surname(s) Stefano Uberti</p> <p>Address(es) Via Maniva, 12 - 25062 Concesio (BS) - Italy</p> <p>Telephone(s) Mobile:+39 339 48 16 984</p> <p>E-mail stefano.uberti@unibs.it</p> <p>Nationality Italian</p> <p>Date of birth 30.07.1973</p> <p>Gender Male</p>	
<p>Desired employment / Occupational field</p>	<p>Mechanical design, in large and innovative projects. Be part of a big technical challenge. Lifetime natural desire to learn and contribute to technical advance.</p>
<p>Work experience</p>	
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>January 2005 - present</p> <p>Researcher-Assistant professor-Lead Mechanical Designer (see also in the following: "design and consulting")</p> <p>-Design and testing of vehicles and systems. Innovation projects technical advisor SDF (SAME Deutz-Fahr) group : 2 New front-end Suspended axles, 2 dynamic studies for new vehicles, 1 hydropneumatic suspension system design, 1 innovative chassis design, 1 rear axle design, 1 cabin suspension, 1 new vehicle layout study and market analysis, 1 new steering system study and design, 1 vehicle testing campaign. Development of criteria for axle fatigue testing. Voith-BRIST (bus suspensions) 1 "double a-arm" front end suspension design -Formula SAE racing car - Faculty Advisor and designer. -Suspension and chassis design for light vehicles. -Road data acquisition and Vehicle fatigue testing on 4 poster rig –Team leader -Design, development and testing of small batch production motorcycles ("CRS-Motorcycles" 1 motorcycle, "Paton" 1 motorcycle, 3 own designs). -Teaching activity in "Machine Design" and "Special Ground Vehicles Design"</p> <p>Dipartimento di Ingegneria Meccanica e Industriale – Università degli Studi di Brescia - via Branze, 38 - 25123 Brescia (BS)</p> <p>Research - Education</p>
<p>Dates</p>	<p>November 2001 -October 2004</p>

Occupation or position held	Ph.D - “Applied Mechanics”
Main activities and responsibilities	Microgravity experiments : member of design team , (Centrotecnica - Laben Thales Aerospace). Projects: <ul style="list-style-type: none"> • “MDS”(Mice drawer system) • “LHU”(Liquid handling unit) • “ACS-EH” (automated culture system-experiment hardware) • “Micro-well” (automated system to exchange fluids for microgravity experiments) Specifications management, Concept, Layout, Design, Mechanics, 3DCAD and Drafting
Name and address of employer	Brescia and Padova Universities consortium – Piazza del Mercato 15, 25121 Brescia (BS)
Type of business or sector	Design Consulting/project development
Dates	January 1999 -October 2001
Occupation or position held	Research Fellow
Main activities and responsibilities	Design and realization of a mechanical device to help disabled people to get in a driving position of a car on their wheelchair.
Name and address of employer	Università degli studi di Brescia – Piazza del Mercato 15, 25121 Brescia (BS)
Type of business or sector	Design Consulting/project development
Dates	January 1999 - present
Occupation or position held	Design and consulting
Main activities and responsibilities	- Development of assigned subsystems in complex machines. CAD/CAM/CAE activities. (Industrial test benches, hydraulic operating machines, machine tool). - Custom Machines and plants for academic scientific experiments (concept, layout, 3D and drafting) - Concept, simulation, design and drafting of special and custom machines: <ul style="list-style-type: none"> • Hydrostatic axis milling machines. • Hydrostatic vibrating test benches. • Automatic and semiautomatic cutting machines for special alloys bars. • On–the-fly bar cutting machines. • Plastic and Zamak parts and assemblies, with relative moulds – design, patent ideas, development to production. Zamak micro-injection moulds. • Complex plastic assemblies. • Assembly and test machines for production line.
Name and address of employer	Dipartimento di Ingegneria Meccanica e Industriale – Università degli Studi di Brescia - via Branze, 38 - 25123 Brescia (BS)
Type of business or sector	Design Consulting
Education and training	
Dates	November 2001 -October 2004
Title of qualification awarded	Ph.D - “Applied Mechanics”
Principal subjects/occupational skills covered	Design for space applications , microgravity experiments, miniaturization problems Parametric CAD modelling of human body, design for non conventional environment.

Name and type of organisation providing education and training	Brescia and Padova universities consortium – Piazza del Mercato 15, 25121 Brescia (BS)										
Level in national or international classification	6 (International Standard Classification of Education ISCED 1997)										
Dates	September 1992 - December 1998										
Title of qualification awarded	MSc Mechanical Engineering (laurea degree)										
Principal subjects/occupational skills covered	Machine Design, Mechanism design, Mechanics, Dynamics, Hydraulics ,Construction techniques, Structural analysis, Vibrations										
Name and type of organisation providing education and training	Università degli Studi di Brescia – Piazza del Mercato 15, 25121 Brescia (BS)										
Level in national or international classification	5A International Standard Classification of Education ISCED 1997										
Personal skills and competences											
Mother tongue	Italian										
Other language(s)	English										
Self-assessment	Understanding				Speaking				Writing		
European level (*)	Listening		Reading		Spoken interaction		Spoken production				
	B2	Independent User	B2	Independent User	B2	Independent User	B1	Independent User	B2	Independent User	
	(*) Common European Framework of Reference for Languages										
Social skills and competences	<p>During to my PhD activity in projects for the aerospace industry, I have developed self-discipline and team membership feeling, especially oriented to the achievement of a common task. The daily life in a complex environment such as an university department and the strict cooperation with large company R&D department have allowed me to develop a deep attitude in growing up interpersonal relationships through comprehension of counterpart point of view. I have acquired, in my academic and advisor activities, the ability to manage technical negotiations. I like to be part of a common challenge together with my workmates, i tend to promote my colleagues and students to achieve the best results from their job.</p>										
Organisational skills and competences	<p>Joint Research Projects (Companies-University): Leading Management Multidisciplinary design team management. Able to take responsibility of technical decisions and sustain them. University courses managing. Seminar and CAD courses organization. Students workshop managing. Formula SAE team advisor.</p>										

Technical skills and competences	Once assigned the task to be performed by a mechanical system I am able to explore possible solutions, evaluate them, develop a concept design, develop the lay-out, execute the 3D model, execute simulations, execute technical drawings. I have a constant desire to learn, acquire new skills and be technically updated. I'm able to evaluate tradeoff between performance and cost		
Computer skills and competences			
Artistic skills and competences	software	description	skill level
	MS Word ,Powerpoint, Excel+VB	general purpose	good
	AutoCad; Solidworks+Motion+Cosmos+PDMWorks(3DCAD,CAE,FEM,PD M); PDM WORKS Rhinoceros (Nurbs Modeling3D CAD); VISI (3D CAD/CAM –Mould design)	CAD / CAM	very good
	other CAD software (ProEngineer, Creo)	CAD	sufficient
	Mathcad	mathematics	sufficient
	PaintShopPro	photo retouching	sufficient
	HTML	language	sufficient
	I play clarinet since I was 8 and I play in my town band wind orchestra since 1983. In addition, I like very much hands-on activities: • I have fun in my small woodworking workshop in my garage where I make objects for my house and my friends. • I enjoy doing small masonry jobs (I partially restructured my house by myself).		
Driving licence	B - cars (up to 3,5tons) A - motorcycles unlimited		

Additional info	
Family	Married with three sons
Hobbies	Trekking, hiking, driving motorbike, aeronautics.
Others	I am ready to relocate and learn additional languages if requested. Publications and/or references on request. I hereby authorise the use of my personal data and details according to: <ul style="list-style-type: none"> • Directive 95/46/EC of the European Parliament and of the Council of 24 October 1995 on the protection of individuals with regard to the processing of personal data and on the free movement of such data. • Data Protection Act 1998 or any other European Nation personal data protection law
Brescia 22-08-2015	