



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Claudio Castellini	
Address(es)	Institute of Robotics and Mechatronics, DLR p.o.box 1116, 82230 Weßling, Germany	
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E-mail(s)	claudio.castellini@dlr.de	
Nationality	Italian	
Date of birth	19 July 1972	
Gender	Male	

Desired employment / Occupational field	Senior Researcher / Research and Development
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Work experience

<i>Dates</i>	<i>September 2009 – Now</i>
Occupation or position held	Researcher
Main activities and responsibilities	Research in mathematics, hand prosthetics, rehabilitation
Name and address of employer	DLR (the German Aerospace Center), Germany
Type of business or sector	Academic
<i>Dates</i>	<i>January 2005 – September 2009</i>
Occupation or position held	Post-doctoral researcher
Main activities and responsibilities	Research in robotics, prosthetics and machine learning; unit-level EU project management
Name and address of employer	University of Genova, Italy
Type of business or sector	Academic
<i>Dates</i>	<i>March 2003 – July 2005</i>
Occupation or position held	Lecturer
Main activities and responsibilities	Co-lecturer for a course on databases (Basi di Dati) as <i>culture della materia</i>
Name and address of employer	University of Genova, Italy
Type of business or sector	Academic
<i>Dates</i>	<i>January 2001 – January 2005</i>
Occupation or position held	Research associate
Main activities and responsibilities	Research in automated protocol verification / automated C programs verification
Name and address of employer	University of Genova, Italy
Type of business or sector	Academic
<i>Dates</i>	<i>January 2003 – August 2004</i>
Occupation or position held	Research associate
Main activities and responsibilities	Research in planning for the disabled; planning via Boolean satisfiability
Name and address of employer	CNR - Consiglio Nazionale delle Ricerche, Rome, Italy
Type of business or sector	Academic
<i>Dates</i>	<i>January 2000 – August 2000</i>
Occupation or position held	Software engineer
Main activities and responsibilities	Development of 3D molecule display software
Name and address of employer	SELLIC, Edinburgh, Scotland
Type of business or sector	ICT
<i>Dates</i>	<i>December 1997 – July 1999</i>
Occupation or position held	Software engineer / System manager
Main activities and responsibilities	Development of call-center software; systems management; development and deployment of car parking management software
Name and address of employer	Antares Software and Education, Genova, Italy
Type of business or sector	ICT
<i>Dates</i>	<i>January 1996 – December 1997</i>
Occupation or position held	Software engineer
Main activities and responsibilities	Development of a testing environment for underground trains
Name and address of employer	X-Technologies, Genova, Italy

Education and training

<i>Dates</i>	<i>July 1999 – June 2005</i>
Title of qualification awarded	Ph.D. in Artificial Intelligence
Principal subjects / occupational skills covered	Automated reasoning; mathematical logics; formal verification of large, infinite-state systems
Name and type of organisation providing education and training	University of Edinburgh
Level in national or international classification	ISCED 6
<i>Dates</i>	<i>July 1998</i>
Title of qualification awarded	Professional qualification exam (esame di stato per ingegneri), grade 105/110
Name and type of organisation providing education and training	University of Edinburgh
Level in national or international classification	ISCED 5
<i>Dates</i>	<i>January 1991 – June 1998</i>
Title of qualification awarded	Laurea in Electronic Engineerings; grade 110/110
Name and type of organisation providing education and training	University of Genova, Italy
Level in national or international classification	ISCED 5
<i>Dates</i>	<i>January 1986 – January 1991</i>
Title of qualification awarded	High School diploma; grade 58/60
Name and type of organisation providing education and training	Liceo Scientifico M. L. King, Genova, Italy
Level in national or international classification	ISCED 4

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment
European level (*)

English
Spanish / Castilian
Portuguese
French
German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B1	Independent user	C2	Proficient user	B1	Independent user	B1	Independent user	A2	Basic User
B1	Independent user	C2	Proficient user	B1	Independent user	B1	Independent user	A2	Basic User
A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User
A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

While spending a lot of my time abroad, I have developed a remarkable team spirit. I have been working in several international environments, each time being able to communicate my ideas clearly. I am considered lively and very good at teaching, both at the technical level and as far as enthusiasm is concerned. I have taught and supervised students both in Italian and in English with no difference in proficiency. I am also author or co-author of a number of talks, both in Italian and in English, and I can easily deal with criticism, even if it is aggressive, and even in front of a potentially hostile audience.

Organisational skills and competences

I have a certain experience in managing EU projects, so far just at the single-unit level. I am very able regarding coordinating and monitoring other people's activities. I have supervised several M.Sc. students in the past, and they have all graduated with good marks and little stress. I think *stress is a bad thing* and believe in a careful organisation of time in order to avoid rushing.

Technical skills and competences

I have a good knowledge of maths, theoretical informatics and logics. My Ph.D. thesis has been awarded "best thesis of the year" by the Artificial Intelligence Italian Association. A few years ago I have switched to statistics, in particular machine learning, from a rather applicative point of view. My latest achievement, and what I deem most important now, is a novel method for interfacing prostheses to the human body. I believe the potential of this research, especially in medicine, is huge. I have recently tried – with success – to transfer my approach to the clinical level. Initial results on amputees are extremely promising. Besides that, I am fascinated by all problems involving data mining, adaptive and hostile-environment systems and pattern matching.

Computer skills and competences

Excellent knowledge, through intensive use, of Windows, Linux, the Office suite, Matlab, C, C++.

Artistic skills and competences

Tenor solo and choir singer; blood donor (group 0-); amateur photographer; I love cinema and reading.

Other skills and competences

Swimming.

Driving licence(s)

Category B. I obtained a rally co-driver license in 1992.

Additional information

I am author or co-author of about 30 academic papers, some 20 of which appear in international peer-reviewed conferences or journals. I am, or have been, involved in a number of EU projects; I am currently a member of a few technical committees and editorial boards / conference program committees, and have been visiting several institutes around the world for scientific purposes. Please see the attached academic curriculum vitae for more details.

Annexes

If required: reference letters; full academic curriculum vitae; certificates of M.Sc., Ph.D and so on; selected publications.