

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	BERTA, Maristella
Address	Domicile: Via Bartoletti,3 - 34138 Trieste (TS), Italy Residence: Corso Taranto, 9 - 10154 Torino (TO), Italy
Telephone	(TS) (+39)040-2411333; (TO) (+39)011-204919; (Mobile) (+39)3391251613
E-mail	mberta@studenti.ph.unito.it
Nationality	Italian
Place and date of birth	TORINO, 05/11/1984
Gender	Female

WORK EXPERIENCE

- Dates October-December 2008
- Name and address of employer OGS (Istituto Nazionale di Oceanografia e Geofisica Sperimentale)
Department OGA (oceanography), research group OCE (physical oceanography)
Frazione Borgo Grotta Gigante, 42/C
34010 Sgonico (TS)
Chiefs: Dr. Miroslav Gacic (Tel. (+39)040-2140210) and
Dr. Vanessa Cardin (Tel. (+39)040-2140369)
National institute of oceanographic and geophysical research
Temporary contract
Climatological analysis of historical data from Northern Adriatic Sea
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates January-March 2008
- Name and address of employer OGS (Istituto Nazionale di Oceanografia e Geofisica Sperimentale)
Department OGA (oceanography), research group OCE (physical oceanography)
Frazione Borgo Grotta Gigante, 42/C
34010 Sgonico (TS)
Chiefs: Dr. Miroslav Gacic (Tel. (+39)040-2140210) and
Dr. Vanessa Cardin (Tel. (+39)040-2140369)
National institute of oceanographic and geophysical research
Temporary contract
Analysis of oceanographic data from North Adriatic oriented to the study of climate changes for the PROMOGS project.
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities
- Dates A.Y. 2006-2007 (October and November), A.Y. 2007-2008 (October and November)
- Name and address of employer Experimental Physics Department (Scienze MFN Faculty- University of Turin).
Via Pietro Giuria, 1
10125 Torino (TO)
Chief: Prof. Simonetta Marcello (Tel. (+39)011-6707321)
Experimental physics didactics
Part-time collaboration
Assistance to students during experiments of "Laboratory 5" course, dealing with the following topics: optical fibers, cosmic radiation, semiconductors, hydrogen and electrolytic cells, α and γ spectroscopy.
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

- Dates
- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

May-July 2006

"Hysy Lab" (Hydrogen System Laboratory) c/o Environment Park

Via Livorno, 60

10144 Torino (TO)

Tel. (+39)011-2257210/7561, fax (+39)011-2257225, e-mail: hysylab@envipark.com

Chief: Dr. Andrea Musso

Research and development on production, stocking and hydrogen application in the field of technological innovation and eco-efficiency.

Training contract

Characterisation and analysis of PEMFC (Polymer Electrolyte Membrane Fuel Cell) System performances.

EDUCATION AND TRAINING

- Dates
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Dates
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
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From January 2009

University of Trieste. Department of Mathematics and Informatics.

School of Doctorate in Environmental and Industrial Fluid Mechanics.

Secretary Office

Piazzale Europa, 1

34123 Trieste (TS)

Tel. (+39)040-5583182

This program is specifically interested in the processes involving motion of fluids (from large-scale and small-scale processes) and its applications in industrial problems, environmental and biological systems.

17-20 November 2008

ICTP (the Abdus Salam International Centre for Theoretical Physics)

Strada Costiera 11

34014 Trieste (TS)

Tel. (+39)040-2240111, fax (+39)040-224163, e-mail: sci_info@ictp.it

Conference on Teleconnections in the Atmosphere and Oceans.

Participation certificate

September 2006 - July 2008

Faculty of Mathematical, Physical and Natural Sciences (University of Turin).

Degree course: Environmental and Biomedical Physics

Via Pietro Giuria, 1

10125 Torino (TO)

Tel. (+39)011-6707330

Methodological and technological aspects concerning: analysis and management of terrestrial, marine and atmospheric systems, climatological analysis and territorial case studies.

Master thesis developed at OGA department of Istituto Nazionale di Oceanografia e Geofisica Sperimentale (OGS) in Trieste.

Advisors: Drs. M. Gacic and V. Cardin (OGS), Dr. Miguel Onorato (University of Turin) (Tel. (+39)011-6707454).

Master in Environmental and Biomedical Physics (110/110 cum laude)

September 2003 - July 2006

Faculty of Mathematical, Physical and Natural Sciences (University of Turin).

Degree course: Physics

Via Pietro Giuria, 1

10125 Torino (TO)

Tel. (+39)011-6707330

Training in classical and modern physics, scientific method of investigation, practice with mathematical and informatics suitable tools and use of innovative methodologies and specific devices.

Bachelor thesis developed at "Hysy Lab" (Hydrogen System Laboratory) in Turin.

Advisors: Dr. Andrea Musso (HysyLab), Prof. Ferruccio Balestra (University of Turin) (Tel. (+39)011-6707470).

Bachelor in Physics (107/110)

<ul style="list-style-type: none"> • Dates 	June 2002
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	University of Cambridge
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	English course
<ul style="list-style-type: none"> • Title of qualification awarded 	PET certificate
<ul style="list-style-type: none"> • Level in national classification 	B1
<ul style="list-style-type: none"> • Dates 	2001-2005
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	Città di Torino. Divisione Gioventù e Cooperazione Internazionale. Settore Politiche Giovanili. Ufficio Scambi Internazionali (International Youth Exchanges Office of Turin) Via delle Orfane, 22 10122 Torino (TO) Tel. (+39)011-4424975 fax (+39)011-4434831
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Multilateral international exchanges consists of trips abroad during which groups of young participants, coming from several nations (even extra-European), meet and live together in the same structure. Depending on the stay and on the hosting organisation, different activities (cultural, training and recreative) are carried out.
<ul style="list-style-type: none"> • Title of qualification awarded 	Participation certificate
<ul style="list-style-type: none"> • Dates 	September 1998 - July 2003
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	Liceo Scientifico Statale "Giordano Bruno" (secondary public school) Via Marinuzzi, 1 10156 Torino (TO)
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Basic scientific and humanistic training, with particular attention to the specific scientific and technological subjects through theoretical and laboratory lessons (mathematics, physics, chemistry, informatics and technical drawing).
<ul style="list-style-type: none"> • Title of qualification awarded 	Secondary school diploma (Scientific-Technological address) - "Progetto Brocca" (mark 100/100 with Excellence Certificate).
<ul style="list-style-type: none"> • Dates 	9-11 September 2002
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	Letters and Philosophy Faculty(University of Turin)
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Summer School on "History, arts, anthropology and linguistics of Alps"
<ul style="list-style-type: none"> • Title of qualification awarded 	Participation certificate
<ul style="list-style-type: none"> • Dates 	July 2000
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	EF Education Corso Vittorio Emanuele, 24 20122 Milano (MI) Tel. 02-77891 fax 02-782733
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	English course in Torbay (GB)
<ul style="list-style-type: none"> • Title of qualification awarded 	Participation certificate and final test result.
<ul style="list-style-type: none"> • Level in national classification 	B1
<ul style="list-style-type: none"> • Dates 	July 1999
<ul style="list-style-type: none"> • Name and type of organisation providing education and training 	EF Education Corso Vittorio Emanuele, 24 20122 Milano (MI) Tel. 02-77891 fax 02-782733
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	English course in Eastbourne College (GB)
<ul style="list-style-type: none"> • Title of qualification awarded 	Participation certificate and final test result.
<ul style="list-style-type: none"> • Level in national classification 	Pre-intermediate

**PERSONAL SKILLS
AND COMPETENCES**

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE

Italian

OTHER LANGUAGES

Self-assessment
European Level (*)

English

French

Spanish

Understanding				Speaking				Writing	
Listening		Reading		Spoken Interaction		Spoken Production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
A2	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A1	Basic user

(*) Common European Framework of Reference (CEF) level

**SOCIAL SKILLS
AND COMPETENCES**

*Living and working with other people, in
multicultural environments, in positions
where communication is important and
situations where teamwork is essential
(for example culture and sports), etc.*

Participation in intercultural exchanges in Italy and in several European countries for some consecutive years, made me ripe in the ability to cooperate with other people within a project developed in multicultural environment.

At university I worked with students groups for the setting of experiments and the relative data analysis, as well as for the development of extra monographs, activity for which individual initiative is fundamental but overall the aptitude for the comparison between different ideas.

**ORGANISATIONAL SKILLS
AND COMPETENCES**

*Coordination and administration of
people, projects and budgets; at work, in
voluntary work (for example culture and
sports) and at home, etc.*

During these years of study I have learnt to manage the available time in order to bring to a conclusion the targets prefixed by me and even by my chiefs. Being able to self-organize my work, also allowed me to coordinate group activities.

**TECHNICAL SKILLS
AND COMPETENCES**

*With computers, specific kinds of
equipment, machinery, etc.*

-- Operating Systems: Windows (very good knowledge at university and at work) and Linux (good knowledge at university).
-- Programming languages: javascript and html (basic scholastic knowledge), c++ and fortran (good knowledge at university), matlab (good knowledge at university and during master thesis).
-- Microsoft Office Packages (very good knowledge at university and at work) and Linux (good knowledge at university) and OpenOffice (good knowledge at university).
-- Browser Internet Explorer and Mozilla (very good knowledge at university and at work)
-- Graphics Software: Origin (basic knowledge during bachelor thesis); OVD (Ocean Data View) and Surfer (good knowledge during master thesis)

**ARTISTIC SKILLS
AND COMPETENCES**

Music, writing, design, etc.

Flute and piano (scholastic).
Technical drawing and painting (scholastic).

**OTHER SKILLS
AND COMPETENCES**

Competences not mentioned above.

First Medical Aid Course held by Italian Red Cross, Turin department. (year 2002)

DRIVING LICENCE(S)

Italian driving licence (B)

ADDITIONAL INFORMATION

At present attending an English course (C1 level) in Trieste.