



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Elvira Pirondini**

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Nationality Italian

Date of birth 25/06/1987

Gender female

**Desired employment /
Occupational field** Researcher in EEG and fMRI recordings.

Work experience

Dates From March to September 2008

Occupation or position held Collaborator

Main activities and responsibilities Organisation of cultural event and preparation of didactic materials for trainee on Business planning

Name and address of employer Associazione Culturale Bella Guardia
Tovo di Valtellina

Type of business or sector

Education and training

Dates 2010-present

Title of qualification awarded Master in Biomedical Engineering

Principal subjects/occupational skills covered Master degree

Name and type of organisation providing education and training Ecole Polytechnique Fédérale de Lausanne, Switzerland.

Dates 2006-2010

Title of qualification awarded Bachelor in Biomedical Engineering

Principal subjects/occupational skills covered	<p>Bachelor degree at Politecnico of Milano in Biomedical Engineering. Graduated with a score of 110/110.</p> <p>Title of Bachelor's degree thesis: Error adaptation in two social context: ERP investigation with different techniques.</p> <p>Thesis project was realised in collaboration with the Department of Experimental Psychology at the University of Ghent, Belgium and with the support of the Professor Anna Maria Bianchi of the Politecnico of Milano.</p> <p>Recording and analyzing EEG data in order to compare Laplacian and ICA techniques. In addition, the techniques of discrete source and distributed source were performed and compared with the same dataset.</p> <p>Different software have been used during the analysis: Brain Visual Analyser, Matlab and the toolbox EEGLAB, LORETA and CURRY5.</p>		
Name and type of organisation providing education and training	Politecnico di Milano, Italy		
Dates	From September 2008 to September 2009		
Title of qualification awarded	Erasmus project during last year of bachelor.		
Principal subjects/occupational skills covered	<p>Following courses in Mechanic and Electronic field.</p> <p>Course of Mathematics with improvement of the knowledge on Matlab.</p> <p>Groups project of Economics for the realisation of a business planning for an industry manufacturing windmills in Portugal.</p> <p>Project of Informatics applied to Biomedical image programming a software for the analysis of images.</p> <p>Title of the project: Correction interactive d'une segmentation d'images médicales tridimensionnelles. (Interactive correction of segmented medical 3D images). Project developed in collaboration with the Professor Thierry Leloup (LISA lab, Université Libre de Bruxelles). The project consisted of the implementation of existing software, MI, which constructs 3D images using images from computed tomography. The goal of the project was to add a function to the program creating a contour around the images, which could be moved using a mouse.</p>		
Name and type of organisation providing education and training	Université Libre de Bruxelles, Belgium		
Dates	From 17/08/2009 to 29/01/2010		
Title of qualification awarded	Stager		
Principal subjects/occupational skills covered	Collaboration on ERP experiment: collecting and analysis of data, with different software. Knowledge of Brain Visual Analyser, Matlab and the toolbox EEGLAB and LORETA.		
Name and type of organisation providing education and training	Traineeships at the Department of Experimental Psychology at the University of Ghent, Belgium.		
Dates	From 22/03/2010 to 23/07/2010		
Title of qualification awarded	Stager		
Principal subjects/occupational skills covered	<p>Collaboration on an fMRI study on 3 different monkeys for the studying of Face and Body areas. Knowledge on working with monkeys and on fMRI has been developed. All programs for monkey training and for data recording and analysis have been implemented in Matlab.</p> <p>Basic experience on single cell recording on monkeys has been acquired.</p>		
Name and type of organisation providing education and training	Traineeships at the Department of Neuro- en Psychofysiologie at the Katholieke Universiteit Leuven, Belgium.		
Other language(s)	<p>English: TOFEL test score 87, December 2009.</p> <p>French: DELF level B1, June 2010.</p>		
Mother Tongue	Italian		
Self-assessment	Understanding	Speaking	Writing

European level (*)	Listening		Reading		Spoken interaction		Spoken production	
English	C1		C2		C1		C1	
French	C2		C2		C2		C2	
Spanish	A2		A2		A1		A1	
German	A1		A1		A1		A1	

Social skills and competences	Good competences acquired with experience of voluntary.
Organisational skills and competences	Good quality to work and to study in group on a project acquired during the University.
Technical skills and competences	Experience on EEG and fMRI recording.
Computer skills and competences	Knowledge of C++ language and programming, acquired during the course Informatica B at the Politecnico of Milano and during a course at the Université Libre of Bruxelles. Knowledge of different software of analysis for EEG acquired with the traineeships (EEprobe, Brain Analyzer, CURRY5). Higher knowledge of Matlab acquired during the internship at the University of Leuven.
Artistic skills and competences	Good knowledge of music. Several years of music studies, in particular the flute.
Driving licence	B
Additional Information	General GRE exam, October 2009. Verbal 310, Quantitative 720, Analytical writing 3.0
Poster	Popivanov, I., Pirondini, E., Jastorff, J., Vanduffel, W., Vogels, R. (2010). Category selectivity for faces and bodies in the macaque and human brain: an event related fMRI study. Part I: Rhesus monkey. Society for Neuroscience, 2010.