



## PERSONAL INFORMATION

Name **Bordonali Lorenzo**  
Address **Via C. Angelini 64/C – 27100 Pavia**  
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Nationality Italian  
Date of birth 26/10/1985

## EDUCATION AND TRAINING

• Dates (from – to) 09/2004 – 07/2009

• Name and type of organisation providing education and training Alma Ticinensis Universitas – University of Pavia  
Faculty of Mathematical, Physical and Natural Sciences

• Principal subjects/occupational skills covered  
Modern physics  
Physics of matter  
Mathematical instruments for physics  
Solid state Nuclear Magnetic Resonance (NMR)  
Solid state Electron Paramagnetic Resonance (EPR)  
Programming in Labview Environment

• Title of qualification awarded Bachelor of Arts in Physics and Master of Arts in Physics

• Level in national classification Bachelor's degree (110/110 cum laude) and Master's Degree(110/110 cum laude).  
Title of BA thesis: *Conduction and electroluminescence in organic compounds: application to light emitting devices.*  
Title of MA thesis: *Low frequency excitations in naphthalocyanine-based organic conductors.*

• Dates (from – to) 09/1999 – 07/2004

• Name and type of organisation providing education and training Liceo Scientifico Statale "Torquato Taramelli", via Mascheroni 51/53 – 27100 Pavia, Italy

• Principal subjects/occupational skills covered Italian, mathematics, physics, informatics, science, english.

• Title of qualification awarded High school diploma

• Level in national classification 100/100 cum laude

## WORK EXPERIENCE

• Dates (from – to) 6/2004 – 9/2004

• Name and address of employer Cooperativa Sociale Marta, Via Traversi, 15 - Sannazzaro de' Burgondi (PV) 27039, Italy  
Tel: 0382/901442 - 0382/997605

• Type of business or sector Social cooperative

• Occupation or position held Occasional collaboration

• Main activities and responsibilities Management of internal library system

**PERSONAL SKILLS AND COMPETENCES**

MOTHER TONGUE

Italian

OTHER LANGUAGES

Self-assessment

European level (\*)

English

French

Comprehension				Verbal				Writing	
Listening		Reading		Oral interaction		Oral production			
C1	Excellent	C2	Excellent	B2	Good	B2	Good	C1	Excellent
A2	Basic	B2	Basic	A2	Basic	-	-	-	-

(\*) Common European Framework of Reference for languages

SOCIAL SKILLS AND COMPETENCES

Team-work skills gained mainly in a multicultural university environment during laboratory activities where a collaboration with different professionals is essential.

TECHNICAL SKILLS AND COMPETENCES

Profound knowledge of Microsoft Operating Systems and Applications; medium competences in Unix /Linux environments.

Excellent knowledge of the following programming languages: C/C++, Visual Basic, Labview, PureData.

Excellent knowledge of MS Office Suite and LaTeX/MiKTeX markup languages.

Self-learning experiences with 2D and 3D modeling applications (AutoCAD, 3D Studio Max).

Good confidence with technical equipment of a physics research laboratory. In particular I possess advanced experiences with cryogenic systems, NMR and EPR medium-field spectrometers and basic experiences with SQUID magnetometers.

ARTISTIC SKILLS AND COMPETENCES

Classical guitar

OTHER SKILLS AND COMPETENCES

Self-learning of Japanese Language

DRIVING LICENCE(S)

European driving license (Type B)

**ADDITIONAL INFORMATION**

I am willing to travel/relocate internationally

**Scientific publications:**

M. Filibian, L. Bordonali, P. Carretta et al. *Strong correlations in  $Li_xM(Pc,Nc)$  organic conductors near half-filling*. Journal of Physics: Conference Series, ICM conference (Karlsruhe, July 2009).