



# PIETRO APRA'

## CURRICULUM VITAE



Born / 20/04/1994 Age/24  
Place of birth / TORINO (TO)  
Nationality/ citizenship / Italy  
Address / **Vicolo Goffredo Mameli 4, 10036 SETTIMO TORINESE (TO)**  
Driving licence / B / Car available  
ID/4278732 updated on 23/10/18

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### SOFT SKILL

Autonomy 7/10  
Self confidence 8/10  
Flexibility/Adaptability 9/10  
Resistance to stress 7/10  
Ability to plan and organize 9/10  
Precision/Attention to details 9/10  
Learn continuously 9/10  
Achievement of objectives 9/10  
Managing information 8/10  
Entrepreneurial spirit and initiative 7/10  
Communication 8/10  
Problem Solving 8/10  
Team work 8/10  
Leadership 7/10

### FOREIGN LANGUAGE SKILLS



MOTHER TONGUE(S): Italian



ENGLISH GOOD	B2	B2	B2	B2	B2
FRENCH LIMITED	A1	A1	A1	A1	A1

### DIGITAL COMPETENCES

#### Digital competences - Self-assessment

**grid**   
Information processing **Proficient user**  
Communication **Proficient user**  
Content creation **Independent user**  
Safety **Independent user**  
Problem solving **Independent user**

#### BASIC DIGITAL COMPETENCE

Operating systems **Good**  
Programming languages **Fair**  
Word processing **Excellent**  
Electronic spreadsheet **Excellent**  
Internet skills **Excellent**  
Multimedia **Fair**

### Career Goal

*My main aspiration is to become a researcher in the field of applied physics in the context of biomedical sciences. In particular, I would like to make useful the tools of Physics, learned in my university path, to innovate in the field of Nanomedicine and Biophysics. At the same time I am interested in undertaking teaching and scientific publication.*



### WORK EXPERIENCES

other information

Currently employed: No



### ACADEMIC STUDIES

PH.D.  
2018 - 2021  
ONGOING STUDIES



Università degli Studi di TORINO  
Fisica  
pHd cycle: 34  
Expected graduation date: 2021

MASTER'S DEGREE  
2016 - 2018



Università degli Studi di TORINO  
Dipartimento di FISICA  
Corso di laurea magistrale in fisica  
LM-17 - 2nd level degree in Physics  
Dissertation/thesis title: Development and characterization of photoluminescent nanodiamonds for drug delivery applications |  
Dissertation/thesis subject: Fisica della materia | Thesis supervisor:  
Dott. Federico Picollo | Dissertation/thesis keywords:  
Nanomedicina Nanobiotechnologie Biosensoristica  
Age at graduation: 24 | Official duration: 2 years  
Final degree mark: **110/110 cum laude and honorable mention**  
Graduation date: 22/10/2018

BACHELOR'S DEGREE  
2013 - 2016  
CERTIFIED TITLE



Università degli Studi di TORINO  
Dipartimento di FISICA  
Fisica  
L-30 - 1st level degree in Physics  
Dissertation/thesis title: Processing and characterization of artificial nanodiamonds | Dissertation/thesis subject: Struttura della materia con laboratorio | Thesis supervisor: OLIVERO PAOLO  
Age at graduation: 22 | Official duration: 3 years  
Final degree mark: **110/110 cum laude**  
Graduation date: 18/10/2016

SCIENTIFIC CERTIFICATE  
TORINO  
2013

Scientific High School  
at G. BRUNO, TORINO (TO)  
School-leaving examination mark: **98/100**  
Kind of secondary school diploma: Italian secondary school diploma

## EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** /  
Doctoral studies

ECONOMIC SECTOR: **1.** Research and  
Development / **2.** education / **3.**  
environmental protection

CAREER FIELD: **1.** R&D and patents / **2.**  
Engineering and design / **3.** Organization

DESIRED JOB:  
**Researcher in the fields of Physics,  
Biophysics and Nanomedicine**

PREFERRED DISTRICT TO WORK IN: **1.**  
**TORINO**

AVAILABILITY FOR BUSINESS TRAVELS:  
**Yes, even frequently**

AVAILABILITY TO RELOCATE ABROAD: **No**



## FOREIGN LANGUAGE SKILLS

### DIPLOMAS AND CERTIFICATES

**English** First Certificate in English, University of Cambridge ESOL Examinations, 25 Jul 2012 , **Europass level B2**  
**French** DELF A2, République Française - Ministère de l'Education Nationale, 06 Oct 2009 , **Europass level A2**



## INFORMATION TECHNOLOGY SKILLS

### PROGRAMMING LANGUAGES KNOWN

C++

### SOFTWARE APPLICATIONS

Origin (data analysis software), Mathematica



## PROFESSIONAL ACCOLADES AND AWARDS

### AWARDS AND SCOLARSHIPS

2017

**Borsa di Studio UGAF**

Scholarship awarded following the attainment of the Bachelor Degree

### AWARDS AND SCOLARSHIPS

2014

**Borsa di Studio UGAF**

Scholarship awarded following the attainment of the diploma



## CONFERENCES AND SEMINARS

### CONFERENCES

20/04/2018

**CISF 2018** , Università degli Studi di Pisa , Pisa  
4th Italian Conference of Physics Students  
Character: Partecipante  
[ai-sf.it/cisf18/](http://ai-sf.it/cisf18/)

### CONFERENCES

07/08/2017

**ICPS 2017** , Università degli Studi di Torino , Torino  
XXXII International Conference of Physics Students  
Character: Partecipante  
[www.icps2017.it/](http://www.icps2017.it/)

### CONFERENCES

11/05/2017

**CISF 2017** , Università degli Studi di Bari , Bari  
3rd Italian Conference of Physics Students  
Character: Partecipante  
[www.ai-sf.it/cisf2017/](http://www.ai-sf.it/cisf2017/)

### CONFERENCES

22/04/2016

**CISF 2016** , Università degli Studi di Torino , Torino  
2nd Italian Conference of Physics Students  
Character: Partecipante  
[www.ai-sf.it/cisf2016/](http://www.ai-sf.it/cisf2016/)



## PUBLICATIONS

### JOURNAL ARTICLES

2018

**Aprà, Battiato, Ditalia, Forneris, La Torre, Mino, Olivero, Piccolo, Rigato**, Proton Beam Induced Fluorescence in 5 nm Detonation Nanodiamond  
Review: Laboratori Nazionali di Legnaro Annual Report 2017, 100-101 (2017)  
[www.lnl.infn.it/~annrep/read\\_ar/2017/index\\_contrib.htm](http://www.lnl.infn.it/~annrep/read_ar/2017/index_contrib.htm)