European Curriculum Vitae Format

Personal Informations

Name	**Michele Astolfi**
Adress	
Telephone	
Mobile Phone	
UNIFE Email	
Personal Email	
Nationality	
Place of Birth	
Date of Birth	

Education

From-To	***2003 - 2008***
Name and Type of Institution	**Science High School P. Paleocapa, Rovigo**
Occupation	**Student**
Principal Subjects and Skills Covered	**Mathematics – Physics – Italian – Story – English - Philosophy – Biology – Geology – Chemistry**
Title of Qualification Awarded and Evaluation	**High School Diploma Traditional - 68/100**
From-To	***2008 - 20014***
Name and Type of Institution	**University of Ferrara** **Faculty of Physics and Astrophysics**
Occupation	**Student**
Principal Subjects and Skills Covered	**Mathematical Analysis – Geometry – Physics – Rational Mechanics – Informatics – Electronics – Chemistry - Electromagnetism – Astrophysics – Theoretical Physics**
Title of Qualification Awarded and Evaluation	**Bachelor Degree - 105/110**
From-To	***2015 - 2017***
Name and Type of Institution	**University of Ferrara** **Master's Degree in Physics**
Occupation	**Student**
Principal Subjects and Skills Covered	**Physics – Sensor Physics and Laboratory – Microscopy - Matter Physics (Surface, Semiconductors, magnetism) -**

	Adv. Electromagnetism – Analysis – Theoretical Physics - Complex System Physics and Computational Simulations - Critical Phenomena Physics
Title of Qualification Awarded and Evaluation	**Master's Degree in Physics - 110L/110**
From-To	**2017 – IN PROGRESS**
Name and Type of Institution	**University of Ferrara** **Department of Physics and Earth Science**
Occupation	**PhD Student**
Principal Subjects and Skills Covered	**Nanostructured Sensor Physics – Semiconductor Physics - Use of Chemoresistive Nanostructured Sensors for Analysis of Biological Samples and Gases**
Title of Qualification Awarded and Evaluation	**Not Yet Obtained**
From-To	**2019 – IN PROGRESS**
Name and Type of Institution	**SCENT S.r.l.**
Occupation	**Lone Administrator**
Principal Subjects and Skills Covered	**Corporate Administration**
Title of Qualification Awarded and Evaluation	
Mother Tongue	<u>*Italian*</u>
Other Languages	<u>***English – Latin***</u>
Language:	<u>**English**</u>
Reading Skills	**Excellent**
Writing Skills	**Good**
Vocal Skills	**Good**
Language:	<u>**Latin**</u>
Reading Skills	**Elementary**
Writing Skills	**Elementary**
Vocal Skills	**Elementary**

Social Skills and Competences

Living and working with other people, in multicultural environments, in positions where the communication is important and situations where teamwork is essential

Extremely of company and sociable, capable to work with other people or alone.
Self-Confident and positive person with a good operative autonomy and decisional power.
Had played guitar for 10 years and have participated to various musical bands, making a great number of live concerts.
Participated to three different canoe-kayak teams, performing this sport at high levels.
Practiced 10 years of martial arts with good results.

Personal Skills and Competences

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

Good ability in welding activity, realizing gates, canopy and other iron artifacts.
Good ability to create and modify electrical installations.

Organization Skills and Competences

Coordination and administration of people, projects and budgets; at work, in voluntary work (ex. culture and sport) and at home

Total coordination and management of the work entrusted to me, conducting the experiments leading to experimental results (presented in the thesis and not only) and data analysis. All of this having had good freedom on the laboratory investigation methods.

Technical Skills and Competences

Computer, specific devices, etc

Habitual use of the computer: Internet with every kind of browser, Email, Simulation programs, calculation data sheets (Numbers, Excel, Google Sheets), Graphing programs (Easy Plot, Matplotlib, Graph, Gnuplot, Origin) .
Excellent knowledge of Windows OS, Excellent knowledge of Mac OS and Good knowledge of Linux OS.
Excellent knowledge of whole Microsoft Office Suite (Word, Excel, Power Point) .
Excellent writing skills via keyboard and excellent use of mouse in both personal computer and notebook.
Excellent practical scientific knowledge, developed in physics, electronic and biological laboratories (Gas Sensors, Optical properties of matter, Microscopy, Dynamic physics, Electromagnetism, Biophysics, Interaction radiation-matter, Semiconductors, Magnetism, Analog and Digital electronics) .
Good knowledge in C and Python programming, basic knowledge in Java and web programming.

Artistic Skills and Competences

Music, Writing, Drawing, etc

Followed private Lectures of electric and acoustic guitar (8 years) .
Gave lessons of Electric and Acoustic Guitar (3 years) .

Other Skills and Competences

Competences not listed above

Good ability on writing scientific texts and abstracts.
Good ability to help people, explaining critical or unknown concepts.

Driving License

Driving License B Category

Additional Informations	*Ferrara School of Physics Award 2017 (Excellence Certificate)*
	Educational Tutoring in Physics II – degree course in Geology (2018/2019)
	Received Scholarship "Mobilità Lunga 2018 (UNIFE)" to work and collaborate 1 month at CEIT-IK4 Research Institute in San Sebastian - Donostia (Spain), under the supervision of Prof. Gemma Garcia Mandayo.
	Received Scholarship "Mobilità Lunga 2019 (UNIFE)" to work and collaborate 1 month at University of Silesia in Gliwice (Poland), under the supervision of Dott. Monika Kwoka.
Conference Abstracts, Posters and Papers	**Paper:**
	M. Astolfi, G. Rispoli, G. Anania, V. Nevoso, E. Artioli, N. Landini, M. Benedusi, E. Melloni, P. Secchiero, V. Tisato, G. Zonta, C. Malagù, Colorectal Cancer Study with Nanostructured Sensors: Tumor Marker Screening of Patient Biopsies, Nanomaterials (2020)
	Abstract conference SEIA 2017 (Moscow):
	N. Landini, G. Anania, M. Astolfi, S. Gherardi, V. Guidi, G. Rispoli, G. Zonta and C. Malagù; "Nanostructured Chemoresistive Sensors Study on Cell Metabolites from Healthy and Immortalized Cells".
	Poster conference IMCS 2018 (Vienna):
	M. Astolfi, G. Anania, M. Benedusi, S. Gherardi, V. Guidi, N. Landini, C. Palmonari, G. Rispoli, P. Secchiero, V. Tisato, S. Gallo, M. Valt, G. Zonta, C. Malagù; "Chemoresistive Sensors for Cancer Pre-Screening in Human Tissue".
	Poster conference Gospel 2019 (Ferrara):
	M. Astolfi, G. Zonta, N. Landini, S. Gherardi, G. Rispoli, G. Anania, M. Benedusi, V. Guidi, C. Palmonari, P. Secchiero, V. Tisato, M. Valt, C. Malagù; "Chemoresistive Nanostructured Sensors for Tumor Pre-Screening".
	Poster conference IMCS 2020 (Montreal):
	Michele Astolfi, Giulia Zonta, Nicolò Landini, Sandro Gherardi, Giorgio Rispoli, Gabriele Anania, Mascia Benedusi, Vincenzo Guidi, Caterina Palmonari, Matteo Valt, Cesare Malagù; "Chemoresistive Nanostructured Sensors for the Analysis of Tumor Tissues Exhalations".

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae, in base all'art. 13 del D. Leg. 196/2003
Il sottoscritto acconsente alla pubblicazione del presente curriculum vitae sul sito dell'Università di Ferrara.

08/07/2020