

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name **RICCIARELLI, DAMIANO**
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 Nationality **italian**
 Date of birth **1994**

EDUCATION AND TRAINING

- Dates (from – to) **November 2018 – October 2021**
- Name and type of organization providing education and training **Department of chemistry, Università degli studi di Perugia**
- Principal subjects/occupational skills covered
 - Quantum modeling of new materials for energy conversion
 - Advanced knowledge of material chemistry and physics
- Title of qualification awarded **PhD in “Chemical Sciences” (ongoing)**
- Level in national classification (if appropriate)
- Dates (from – to) **October 2016 – September 2018**
- Name and type of organization providing education and training **Department of chemistry, Università degli studi di Perugia (in collaboration with KU Leuven and Universitat de Valencia)**
- Principal subjects/occupational skills covered
 - Advanced knowledge of inorganic, theoretical and computational chemistry
 - DFT modeling of spin-forbidden metal-oxo reactions, thesis internship with the supervision of professor P. Belanzoni (UNIPG) and professor J.N. Harvey (KU Leuven).
- Title of qualification awarded **Euromaster in “Chemical Sciences”, 110/110 cum laude
Erasmus Mundus Master Course in Theoretical Chemistry and Computational Modelling (EMMC TCCM)**
- Level in national classification

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| (if appropriate) | |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Principal subjects/occupational skills covered | <p>March – June 2018</p> <p>Department of chemistry, Katholieke Universiteit Leuven</p> <p>Mobility period (3 months in total) in order to carry out, as a TCCM student, part of the thesis internship.</p> <p>The topic, explained in the previous section, was DFT modeling of spin-forbidden metal-oxo reactions. I was supervised by professor Jeremy N. Harvey, head of the local theoretical and computational chemistry group.</p> |
| <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification (if appropriate) | <p>Erasmus + traineeship fellowship</p> <p>EMMC TCCM</p> |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Principal subjects/occupational skills covered | <p>September – December 2017</p> <p>ICMOL (Instituto de Ciencia Molecular), Universitat de Valencia</p> <p>Mobility period (3 months in total) in order to follow the XIIth intensive course of the EMMC TCCM (September 2017), hosted by ICMOL Valencia, and to carry out all the related exams under the supervision of professor Jose Sanchez Marin.</p> |
| <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification (if appropriate) | <p>Erasmus + study fellowship</p> <p>EMMC TCCM</p> |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Principal subjects/occupational skills covered | <p>October 2013 – October 2016</p> <p>Department of chemistry, Università degli studi di Perugia</p> <ul style="list-style-type: none"> – Knowledge of physical, inorganic and organic chemistry – Synthesis and characterization of silica nanoparticles for the photo-degradation of a PAH molecule, thesis internship attended under the supervision of professor L. Latterini, partner of the photochemical group at UNIPG. |
| <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification (if appropriate) | <p>Eurobachelor in Chemistry, 110/110 cum laude</p> |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Principal subjects/occupational skills covered | <p>September 2008 – June 2013</p> <p>Liceo scientifico "G. Galilei" Perugia</p> <ul style="list-style-type: none"> – Basic fundamentals of physics, maths, chemistry and biology – General knowledge |
| <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification (if appropriate) | <p>High school diploma, 95/100</p> |

**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

ENGLISH
• Reading skills excellent
• Writing skills excellent
• Verbal skills excellent

SPANISH
• Reading skills Good
• Writing skills Basic
• Verbal skills Basic

**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.*

- Ability of working in multicultural environments, speaking a foreign language and getting used to a different place gained during my mobility periods (3 months in Belgium and 3 in Spain).
- Ability of working in groups and interact with colleagues in order to learn from their experience and share my own knowledge with them (various academic traineeship experience).
- Ability to communicate with other scientists about the work carried out and to outline possible issues or successes.
- Ability to deliver scientific seminars in english and Italian languages (master degree different seminars, bachelor thesis)

**ORGANIZATIONAL 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.*

- Ability in representing people and point out their needing and issues gained during my four years as class representative at high school.

**TECHNICAL SKILLS
AND COMPETENCES**

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

- Good command in fortran and python coding (following of an extra course during my bachelor degree and the relative lab)
- Good command in linux and unix like systems (terminal and bash scripts) gained during my mater thesis
- Good command in programs of quantum modeling, like ADF (Amsterdam density functional) and GAUSSIAN (master thesis)
- Good command in programs of data analysis: Origin, GNUPLOT, Matlibplot, Excel (bachelor and master thesis)

ARTISTIC SKILLS
AND COMPETENCES
Music, writing, design, etc.

OTHER SKILLS
AND COMPETENCES
Competences not mentioned above.

DRIVING LICENCE(S)

B (September 2012)

- Good command in basic synthesis and purification processes of inorganic and organic materials (mainly nanomaterials) gained during my bachelor thesis
- Good command in UV-VIS spectroscopy and analysis of TEM images (bachelor thesis)
- Good command in using the Office and the Open Office suites
- Good command in reflex photography (landscape, macro and astrophotography) gained as an amateur photographer
- Ability of playing the guitar (middle school course)
- Good command in video and photo editing program suites like adobe photoshop
- Good command in using the program AutoCad
- Good knowledge of Inorganic, Organic, Physical and biological chemistry (lot of efforts in the various exams in order to build a general knowledge of the different chemical subjects, at least trying to basically understand and appreciate them all).
- Sports activities: swim, gym, walking in the countryside

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I, the undersigned Ricciarelli Damiano hereby declare that this Curriculum Vitae states only true and factual content, according with articles 46 and 47 of D.P.R. 445/2000. I also declare to be aware of the penal sanctions in which I would incur should the declarations be untrue, mendacious or contain false data, in accordance with article 76 of the D.P.R. 28.12.2000 no. 445.

Additionally, I also declare to be aware of article 75 of the D.P.R. 28.12.2000, no.445 regarding the relinquishment/loss of any benefits resulting from the action that would follow in the case that, after performing background checks and verifications, the Administration were to find proof of mendacious and false contents in the above-mentioned declaration.

I hereby attach, for this purpose, a copy of a currently valid ID document.

PERUSIA
30/11/2019
(Place and date)

Signature

Damiano Ricciarelli