

PERSONAL INFORMATION

Jacopo Lupi



 Piazza dei Cavalieri 7, Pisa 56126 Italia

 jacopo.lupi@sns.it

 www.linkedin.com/in/jacopo-lupi

 **ORCID ID** <https://orcid.org/0000-0001-6522-9947>  [Skype jacopo.lupi92](https://www.skype.com/people/jacopo.lupi92)

Gender Male | **Date of birth** 19 October 1992 | **Nationality** Italian

EDUCATION AND TRAINING

- | | |
|--------------|--|
| 2017–Present | PhD in Methods and Models for Molecular Sciences EQF 8
Scuola Normale Superiore, Pisa Italia
PhD Project: "QM and QM/MM strategies for kinetic and dynamics of atmospheric and astro-chemical reaction pathways: from gas-phase to surface chemistry"
Supervisor: Prof. Vincenzo Barone |
| 2015–2017 | Master's Degree in Chemical Sciences EQF 7
Università degli Studi di Firenze, Firenze Italia
Master's Degree thesis: "Implementation and comparison of constant temperature algorithms in molecular dynamics simulations"
Supervisor: Prof. Gianni Cardini
Final marks: 110/110 summa cum laude |
| 2011–2015 | Bachelor's Degree in Chemistry EQF 6
Università degli Studi di Firenze, Firenze Italia
Bachelor's Degree thesis: "Computational methods for the quasi normal modes analysis of molecular dynamics trajectories"
Supervisor: Prof. Gianni Cardini |
| 2006–2011 | High School Diploma EQF 5
Istituto di istruzione superiore "A.M.E. Agnoletti" (Liceo Scientifico), Sesto Fiorentino Italia |

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/faq/33500)

Digital competences

SELF-ASSESSMENT

Information Processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital competences - Self-assessment grid](#)

Communication skills – Good communication skills gained through my experience as student in Università degli Studi di Firenze and through tutoring in maths and chemistry.

Organisational / managerial skills – Good organisational and cooperative skills gained as students' representative in Florence Department of Chemistry "Ugo Schiff".

Computer skills – good knowledge of Unix/Linux OS and Windows OS
 – good command of office suite (word, excel)
 – good knowledge of Fortran, awk, sed, bash languages
 – good knowledge of molecular editors and visualizers
 – good knowledge of Latex typesetting system

Other skills – **Music listening:** rock/metal/punk/hip-hop passionate listener and record collector.
 – **Music producing:** play bass guitar for my band, songwriter.

PAPERS AND PUBLICATIONS

Refereed Journals and Book Chapters

CONFERENCES, SCHOOLS, WORKSHOPS

Presentations in National and International Conferences – J. Lupi, V. Barone, G. Cardini, G. Mancini, M. Pagliai "*Extending molecular dynamics in Gaussian: state of art and new perspectives*", ERC-AdG Barone DREAMS - Advances in computational modelling: from isolated molecules to soft matter, Pisa, Italy (November 29th-December 2nd, 2017). **Poster Presentation.**

Participation to National and International Schools/Workshops – CECAM **School:** "*MolSim-2019*", Amsterdam, 7th-18th January 2019
 – **Workshop:** "*Modern Aspects of Computational Spectroscopy*", Pisa, 22th-23rd November 2018
 – PhD **School** H2020-MSCA-ITN-2017 European Training Network "*COMputational Spectroscopy In Natural sciences and Engineering*" (COSINE, grant number 765739), Pisa, 19th-21th November 2018
 – Lake Como **School** of Advanced Studies - *Computational Spectroscopy: Bridging Theory and Experiment*, Como, September 9th-14th 2018
 – CECAM **Workshop:** *Emerging Technologies in Scientific Data Visualisation*, Pisa, 4th-6th April 2018
 – CINECA **Course:** *High Performance Molecular Dynamics*, Rome, March 2018
 – CINECA **Course:** *Introduction to Modern Fortran*, Rome, March 2017
 – Università Degli Studi di Firenze **Course:** *Reasoning and arguing: logic pills*, Florence, November 2016