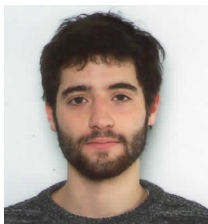


MARCO CAPPELLETTI

Via Luigi Pirandello 5, 21040 Venegono Inferiore (VA), Italy
(+39)3351487874 ◊ marco.cappelletti95@gmail.com



RESEARCH INTERESTS

Computational Chemistry, Electronic Structure Calculations; Theoretical Chemistry

EDUCATION

Ph.D. student in Quantum Chemistry and Computational Astrobiology, *09/2021 - present*
Chalmers University of Technology, Gothenburg, Sweden

Introduction to Fortran for Scientific Computing, Milan *09/2019*
CINECA programming course

Master's Degree in Chemistry (LM-54), Università degli Studi di Milano, Milan *01/2017 - 10/2020*
Final mark: 110/110 *cum laude*

Bachelor's Degree in Chemistry (L-27), Università degli Studi di Milano, Milan *10/2014 - 12/2017*
Final mark: 101/110

PROJECTS

The Different Story of π Bonds *07/2021*
Published article on *Molecules* (<https://doi.org/10.3390/molecules26133805>)

Master's thesis
A Different Story of π Bonds — Supervisors: Prof. Rocco Martinazzo, Dr. Davide Ceresoli
A study on the role of σ and π -electrons on the determination of unsaturated molecules equilibrium geometries.

Bachelor's thesis
Theoretical study on magnetism induced by hydrogenation of silicene — Supervisor: Prof. Rocco Martinazzo
A study on the transient magnetization exhibited by silicene due to hydrogenation.

TECHNICAL SKILLS

Programming: Bash scripting, C, Python, FORTRAN 77
Computational chemistry packages: GAUSSIAN16, H Φ , SIESTA
OS: Ubuntu, CentOS, Windows
Computer programs: MS Office, L^AT_EX

LANGUAGES

Italian (native), English (B2 proficiency, certified by University)

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree

January 11, 2021