LORENZO RESTAINO

PERSONAL INFORMATIONS

Born in Potenza, Italy 8 October 1994

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AREA OF INTERESTS

Computational Chemistry, Quantum Chemistry, Inorganic Chemistry, Electron Transfer, Electronic Structure Methods, Quantum Dynamics, Spectroscopy.

EDUCATION

Ongoing — SU, Stockholm

Ph.D. Candidate

Doctoral candidate in Chemical Physics at the Department of Physics, SU. Development and simulation of novel x-ray spectroscopic schemes.
Supervisor: Prof. Markus Kowaleski

20/02/2020 — UNIBAS, Potenza

MSc in Chemical Sciences

Magna cum laude.
Thesis: *Theoretical, Methodological and Computational Aspects of Intramolecular Electron Transfer.*
Description: development of a computational and methodological protocol for the study of intramolecular electron-transfer reactions and its application to weakly-coupled organic systems.
Advisor: Prof. Camilla Minichino

29/03/2017 — UNIBAS, Potenza

BSc in Chemistry

Thesis: *Axial Coordination of Nitrogen Bases on Nickel(II) Porphyrines. Electronic and Energy Aspects.*
Description: A DFT study on the electronic and energy aspects of axial coordination of pyridine molecules to two nickel(II) porphyrins, with meso-substituents of different electron withdrawing capacity.
Advisors: Prof. Angela M. Rosa and Dr. Mario Amati

WORK EXPERIENCE

11/2019–01/2020 — Internship

Internship at the laboratory of Theoretical Chemistry, Science Department, UNIBAS.

Fall-2019 — Mentorship

Mentorship for undergraduate chemistry students at Science Department, UNIBAS.

LANGUAGES

Italian — Mother-tongue.

English — C1 CEFR/ Academic IELTS Overall Band Score: 7.5, August 2020.

COMPUTER SKILLS

Programming Languages — Fortran77/90, Python 3, Shell Scripting, LaTeX.

Operating Systems — Linux (Ubuntu, CentOs), MacOs.