



Roberto ORLANDO

12 Rue de la tour, 31200 Toulouse, +33 749659763
orlando.phys@gmail.com

EDUCATION

PhD in Quantum Physics, Toulouse	2020 - 2023
Master 2 Fundamental Physics, Toulouse	2019 - 2020
Master 2 Condensed Matter and Nanophysics, Strasbourg	2017 - 2018
Master 1 Physics, Strasbourg	2015 - 2016
Bachelor in Physics, Strasbourg	2014 - 2015
Classe Préparatoire aux Grandes Ecoles, Strasbourg	2011 - 2014
High School degree in Science, Strasbourg	2010 - 2011

INTERNSHIPS

Teaching in engineering school (2 years)	INSA Toulouse
Master 2 computational physics internship	LCPQ Toulouse
Master 2 computattional physics internship	IPCMS Strasbourg
Bachelor computational physics internship	IPHC Strasbourg

CERTIFICATES

Certificat IBM Introduction to Web Development with HTML5, CSS3, and JavaScript

Certificat IBM Python for Data Science Project

TECHNICAL STRENGTHS

Programming Python, Mathematica, JavaScript, C++, \LaTeX

Machine Learning Linear/Lasso/Logistic Regression, Decision Trees, Ensemble Methods, SVM

Deep Learning Pytorch, Tensorflow, Keras, CNN

Tools Spyder, Jupyter, Visual Code Studio

LANGUAGES

Mother Tongue French

Others English (TOEIC 775), Italian

PUBLICATIONS

R. Orlando, P. Romaniello, and P. F. Loos, Adv. Quantum Chem. 88 (2023) 183-211.

R. Orlando, P. Romaniello, and P. F. Loos, J. Chem. Phys. 159.18 (2023)