



Paul Lagouanelle

paul.lagouanelle@centralesupelec.fr

Born the 05/01/1995 in Toulouse (FRANCE)

WORK EXPERIENCE



LAPLACE, Intern in Physics

May 2016 - July 2016

5 weeks research internship at the laboratory LAPLACE in Toulouse (FRANCE) on electromagnetic waves in cavity (modeling and simulations) with Jérôme Sokoloff



LYCÉE BUFFON, Mathematics teacher assistant - oral examiner

Sep. 2016 - Today

Oral examiner for pre-bachelor students in Physics in Lycée Buffon (Paris) and mathematics teacher assistant for students in the last two years of high school with Michel Cherki



MASSEY UNIVERSITY, Guest in the Department of Statistics

Apr 2017 - Aug 2017

Internship at Massey University in New Zealand on MCMC algorithms to solve the Schrödinger equation (path integrals, algorithmic, simulations with python) with Stephen Marsland and Matthieu Vignes



TECHNICAL UNIVERSITY OF DENMARK,

Guest in the Department of Energy Conversion and Storage

Nov 2017 - Aug 2018

Internship on permanent magnet bearings for levitating flywheels with Kaspar Kirstein Nielsen, Rasmus Bjørk and Christian Bahl



UNIVERSITÉ PARIS-SACLAY, Teacher in general Physics

September 2020 - June 2021

Teaching the introduction course to general Physics in the 1st year of IUT de Cachan (Université Paris-Saclay, FRANCE)



GEEPS / POLITECNICO DI TORINO, PhD student

Mars 2019 - Today

Master's thesis and PhD on the quantification for the uncertainty on the human exposure for WPT system for automotive applications with Lionel Pichon. Joint PhD with Politecnico di Torino with Fabio Freschi.

EDUCATION



LYCÉE PIERRE DE FERMAT

Sep 2009 - July 2015

Highschool - CPGE

Highschool followed by undergraduate intensive courses to prepare very selective nationwide competitive exams in sciences (physics, mathematics, computer sciences and engineering sciences) at Lycée Pierre de Fermat. Entrance at the ENS Paris-Saclay after passing the 2015 exam.



ENS PARIS-SACLAY

Sep 2015 - Sep 2019

PHYTEM - M2 PIE-SEE

Bachelor's degree and Master's degree in Physics from the ENS Paris-Saclay and the UPMC. Master's degree in Physics of Energy (specialized in electrical engineering) from the ENS Paris-Saclay and the University of Paris-Saclay.

SKILLS & INTERESTS



Native Speaker



C1 Cambridge



B2 (lived one year in Italy)



Advanced level in python, fortran90 and Matlab



Advanced level in Latex

Sports : Climbing, Windsurfing, Skiing

Hobbies : Cooking, Hiking, Birdwatching