



Daniele Francescone

Nationality: Italian

WORK EXPERIENCE

30/06/2019 – 29/11/2019 – Villigen, Switzerland
SUMMER STUDENT – PAUL SCHERRER INSTITUTE

Experience as a summer student that allowed me to work on particle accelerators, taking part in a project that aimed to upgrade the SLS synchrotron. My job involved working on beam dynamics and radio frequency system

EDUCATION AND TRAINING

09/10/2017 – 29/07/2021
MASTER IN NANOTECHNOLOGY ENGINEERING – Sapienza University of Rome

2011 – 2017
BACHELOR DEGREE IN ELECTRONICS ENGINEERING – Sapienza, University of Rome

2005 – 2011
HIGH SCHOOL GRADUATION – Cardano technical student

31/10/2021 – CURRENT
PHD IN PARTICLE ACCELERATORS PHYSICS – Sapienza

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	B1	B1	B1
SPANISH	B2	B2	B1	B1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

My Digital Skills

CST Microwave Studio | Programmin language MATLAB | labVIEW | Altium Design | OrCAD PSpice | Astra | Basic knowledge of programming languages C fortran python | Atomistic Simulations using LAMMPS | In Molecular Dynamics simulations, experience with LAMMPS, VMD, Moltemplate, Packmol | OpenFOAM (Basic Knowledge)

● **DRIVING LICENCE**

Driving Licence: B

● **PROJECTS**

2015 – 2017

Sapienza corse

I worked with the department of the university that designs a race car, in order to participate in the international competition FORMULA SAE