



Orlando Palone

 Address:

 Email address:

 Phone number:

Gender:

Date of birth:

Nationality:

EDUCATION AND TRAINING

[2020] **PHD student in energy engineering**

Sapienza Università di Roma

Main subject / occupational skills covered:
Decarbonization processes applied to heavy industry

[2018 – 2020] **Master's degree in Energy and Nuclear Engineering**

Sapienza Università di Roma

Address: Roma, Italy

Final grade: 110 cum laude

Thesis: "Reduced order models for the simulation of electromagnetic coupling phenomena in liquid metal blankets". Supervisor: Prof. Gianfranco Caruso, lecturer of "Nuclear Power Plants"

[2015 – 2018] **Bachelor's degree in Energy Engineering**

Sapienza Università di Roma

Address: Roma, Italy

Final grade: 110 cum laude

Main subject / occupational skills covered:
Thesis in: "Simulation of the atmospheric dispersion of a radioactive plume due to the explosion of a dirty bomb", Supervisor: Prof. Luisa Ferroni, lecturer of "Applications of nuclear energy".

[2010 – 2015] **Secondary School Diploma**

Liceo scientifico Innocenzo XII

Address: Anzio, Italy

National classification: 100/100 cum laude

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Spanish

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

DIGITAL SKILLS

ANSYS Workbench, ANSYS Fluent | NI LabVIEW(Basics) | Aspen & Aspen Plus Basics |
Matlab (Familiar) | Microsoft Office

COURSES

Experimental techniques for material characterization (6 CFU) - Prof. Jacopo Tirillò - Sapienza Università di Roma

Computational Thermo Fluid Analysis in Fluid Machinery (6 CFU) - Prof. Domenico Borello - Sapienza Università di Roma

BPG for CFD for Dispersed Multi-Phase Flows 2021 with Problem Shooting Session - ERCOFTAC (Held in Rome)

Renewable Energies, Energy Storage and Hydrogen Economy - CISM (Held in Udine)

La scrittura tecnico-scientifica - Prof. Emilio Matriccioni (Held in Rome)