

PERSONAL INFORMATION



Salvatore Caltabellotta

Address: Via Generale Eugenio di Maria, 83, 90141, PA, Italy

Mobile: +393383586067

E-mail: Salvatore.caltabellotta@unipa.it

Nationality: Italian

Sex Male | Date of birth 12/02/1994

WORK EXPERIENCE

November 2019 – to today

Ph.D Student of “Technological innovation engineering” course

University of Palermo, department of engineering

- Scientific research in fluid machinery and energy systems

April 2019– September 2019

Training internship at Hypertec Solution, Bertinoro (FC), Italy

Hypertec solution SRL - Via Fortunato Zeni, 8, 38068 Rovereto TN

- Mechanical design

EDUCATION AND TRAINING

Date

September 2017 – October 2019

Title of qualification awarded

Master's degree in mechanical engineering LM-33

Name and type of organisation providing education and training

University of Palermo

Title of the thesis

Progettazione e calcolo strutturale di un argano di sollevamento per impianto petrolifero

Final vote

110/110 with honneurs

Date

September 2013 – July 2017

Title of qualification awarded

Bachelor's degree in mechanical engineering L-9

Name and type of organisation providing education and training

University of Palermo

Title of the thesis

Schema di calcolo per la progettazione della palettatura di una turbina Kaplan

Final vote

107/110

PERSONAL SKILLS

Mother tongue

Italian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B2	B2	C1
Cambridge English – Bulats Aegee – Palermo: level C1				

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Computer skills and competences In-depth knowledge of the Microsoft Office package, in particular of the Excel program
 Good knowledge of Matlab and Simulink programming language
 Good knowledge of the PTC CREO PARAMETRIC cad software.

Driving licence A2 – B

Scientific research

Publication list	
Conferences	<ul style="list-style-type: none"> Pipitone, E. and Caltabellotta, S., "Steady State Performance of Spark Ignition Engine with Exhaust Energy Recovery," SAE Technical Paper 2020-24-0012, 2020, doi:10.4271/2020-24-0012.
Publication list	<ul style="list-style-type: none"> Pipitone, E.; Caltabellotta, S.; Occhipinti, L. A Life Cycle Environmental Impact Comparison between Traditional, Hybrid, and Electric Vehicles in the European Context. <i>Sustainability</i> 2021, 13, 10992. https://doi.org/10.3390/su131910992 Pipitone, E.; Caltabellotta, S. Efficiency Advantages of the Separated Electric Compound Propulsion System for CNG Hybrid Vehicles. <i>Energies</i> 2021, 14, 8481. https://doi.org/10.3390/en14248481 Pipitone, E. and Caltabellotta, S.; The Potential of a Separated Electric Compound Spark-Ignition Engine for Hybrid Vehicle Application, <i>Journal of Engineering for Gas Turbines and Power</i> 2022; https://doi.org/10.1115/1.4053393