

Europass Curriculum Vitae

Work experience

Dates 11/2019 →

Occupation or position held Associate Professor

Main activities and responsibilities Research activities on electrochemical storage systems, electric and hybrid propulsion systems, feeding systems for electrified transportation systems.

Teaching course “Veicoli elettrici e ibridi”, Master’s degree in Electrical Engineering.
“Energia elettrica per la sostenibilità”, Bachelor’s degree in Energy Engineering.

Name and address of employer Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa

Dates 11/2016 – 10/2019

Occupation or position held Assistant Professor (art. 24 c.3-b L. 240/10)

Main activities and responsibilities Research activities on electrochemical storage systems, electric and hybrid propulsion systems, feeding systems for electrified transportation systems.

Teaching course “Veicoli elettrici e ibridi”, Master’s degree in Electrical Engineering.

Name and address of employer Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa

Dates 03/2013 – 08/2014

Occupation or position held Research Grant

Main activities and responsibilities Modelling and experimental activities on Lithium batteries for vehicular applications.

Name and address of employer Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa

Dates 10/2011 – 03/2013

Occupation or position held Part-time collaboration

Main activities and responsibilities Simulation analysis and design activities of innovative electric and hybrid backhoes. Name and address of employer Yanmar R&D Europe S.R.L., Viale Galileo 3/A – 50125, Firenze

Dates 03/2011 – 02/2013

Occupation or position held Research Grant

Main activities and responsibilities Modelling and experimental activities on Lithium batteries for vehicular applications.

Name and address of employer	Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa
Additional information	
Dates	01/2010 – 06/2014
Occupation or position held	Participation to European Research Project (HCV – Hybrid Commercial Vehicle)
Main activities and responsibilities	Modelling and experimental activities on Lithium batteries for vehicular applications.
Name and address of employer	Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa
Dates	01/2008 – 07/2009
Occupation or position held	Participation to European Research Project (ENFICA-FC Environmentally Friendly Inter City Aircraft powered by Fuel Cells)
Main activities and responsibilities	Design of the mechanical components of the electric machine. Experimental tests of the Fuel-Cell based propulsion system.
Name and address of employer	Department of Electrical Systems and Automation (DSEA) – University of Pisa
Dates	09/2008 – 12/2011
Occupation or position held	Participation to Research Project (Fileria H ₂)
Main activities and responsibilities	Sizing and experimental tests of the Fuel Cell based propulsion system of a small urban vehicle. Layout studies for integration on-board vehicle.
Name and address of employer	Department of Energy and Systems Engineering (DESE) – University of Pisa
Dates	2014
Occupation or position held	Patent inventor (classification: international)
Main activities and responsibilities	R. Giglioli, G. Lutzenberger, L. Sani, M. Colleoni (TESMEC), A. Oscar (TESMEC), M. Vitali (TESMEC), “Method for stretching cables”, WO2014IB60479 20140407.
Name and address of employer	Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa

Dates 2013

Occupation or position held Patent inventor (classification: cooperative)

Main activities and responsibilities R. Giglioli, G. Lutzenberger, L. Sani, M. Colleoni (TESMEC), A. Oscar (TESMEC),

M. Vitali (TESMEC), “Apparecchiatura tesatrice per lo stendimento di cavi”, IT2013MI00543 20130409.

Name and address of employer Department of Energy, Systems, Territory and Constructions Engineering (DESTEC) – University of Pisa

Education and training

<p>Title of qualification Principal evaluation</p> <p>Name and type of "Leonardo Da Vinci"</p>	<p>Dates 01/2008 – 12/2010</p> <p>awarded PhD Degree in Land Vehicles and Transportation Systems. subjects/occupational PhD subject: Hybrid propulsion systems and of the environmental impact. skills covered</p> <p>organisation Engineering PhD School providing education and training</p>
<p>Title of qualification</p> <p>Name and type of University of Pisa</p>	<p>Dates 09/2000 – 10/2007</p> <p>awarded Master's Degree in Land Vehicles Engineering (final mark: 106/110) Bachelor's Degree in Mechanical Engineering (final mark: 103/110)</p> <p>organisation Faculty of Engineering – providing education and training</p>
<p>Title of qualification Lyceum (final mark:</p> <p>Name and type of Galilei – Pisa providing</p>	<p>Dates 09/1995 – 06/2000</p> <p>awarded Graduation of secondary education in a Gymnasium-Classical 100/100)</p> <p>organisation Liceo Classico G. education and training</p>

Personal skills and

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Independent User	C1	Independent User	C1	Independent User	C1	Independent User	C1	Independent User

competences

Mother tongue(s) **Italian**

Other language(s)
Self-assessment

European level

(*)

English

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Problem-solving attitude. Abilities for synthetic and global views over concrete situations. Ability to establish good working relations with colleagues.

Computer skills and competences Knowledge of mono-dimensional modelling software: Matlab-Simulink, Dymola/Modelica, LMS AMESim. Experiences in CAD modelling (Pro/ENGINEER) and FEM analysis (ANSYS).

Driving licence Category B vehicle.