

Curriculum Vitae

Dario Corona

Updated in December 2025

ACTUAL POSITION

from Feb 2025 **Postdoctoral Researcher**, University of Camerino (UNICAM)
Field of Research: Mathematical Analysis
Project Title: “Topological and Variational Methods in PDE and Dynamical Systems”
Advisor: Prof. Roberto Giambò

EDUCATION AND TRAINING

from Feb 2022 **Research Assistant Professor - RTDa**, University of Camerino (3 years)
until Jan 2025 Field of Research: Mathematical Analysis
Project Title: “Mathematical Models for Optimal Controllers in Wind Farms”
Advisor: Prof. Fabio Giannoni

June-July **Vising Researcher**, Universidade de São Paulo, Brazil (2 months)
2024 Collaborators: Prof. Paolo Piccione, prof. Stefano Nardulli, PhD. João Henrique Andrade

Feb-July **Vising Researcher**, Universidade de São Paulo, Brazil (6 months)
2023 Advisor: Prof. Paolo Piccione

2020/2021 **Post-Doc Researcher**, University of Camerino (2 years)
Project Title: “Sistemi dinamici e applicazioni in ambito energetico”
Advisor: Prof. Maria Letizia Corradini

2019 **Research scholarship**, University of Camerino (6 months)
Project: “Advanced control design for fatigue alleviation for wind turbine”
Advisor: Prof. Maria Letizia Corradini

06/05/2019 **PhD in Mathematics and Applications**, University of Camerino
Thesis: “Decomposition of Optimal Tracking Controllers for Weakly Dual Redundant Systems”
Advisors: Prof. Maria Letizia Corradini and Prof. Roberto Giambò

15/04/2015 **Master Degree in Mathematics and Applications**, University of Camerino
Final Grade: full marks (110/110) and *summa cum laude*
Thesis: “A Mathematical Model for the Development of a Lower Extremity Exoskeleton”
Advisors: Prof. Fabio Giannoni and Prof. Maria Letizia Corradini

2014 **Research scholarship** (6 months)
Project: “Development of a lower limb exoskeleton for disabled people”
founded by *MES S.p.a.* and the University of Camerino

03/10/2012 **Bachelor Degree in Mathematics and Applications**, University of Camerino
Final Grade: full marks (110/110) and *summa cum laude*
Thesis: “GARCH Model and Volatility Analysis in Finance”
Advisor: Prof. Carlo Lucheroni

2009 **INDAM (Istituto Nazionale di Alta Matematica) scholarship**
National scholarship of 3 years for bachelor students in Mathematics

WORK EXPERIENCE

Oct-Nov 2024	External Expert For the Next Generation EU project, I.S.S. Volterra-Elia, Ancona Title “Think Stem: Potenziamo Insieme” - Module “Olimpiadi della Matematica” - 20h
from 2015 until 2022	Founding Partner and CEO of LiMiX Srl , Spin-off of University of Camerino (Italy), website: www.limix.it Limix realized Talking Hands, a wearable device for gesture recognition.
from Sept 2021	Teacher of Mathematics at public secondary school “IPSIA Don Pocognoni”, Matelica, Italy, Temporary replacement as Research Assistant Professor (Italian Law 240/2010)
Aug 2021	Teacher Qualification at secondary level (A026 - Mathematics) First place in the open examination for the Marche region.
Feb-June 2019	External Expert and Tutor For the PON/FSE project “10.6.6 A-FSEPON-LA-2017-27”, I.S.I.S.S. Magarotto, Rome Title “IPSIA: Immaginare per creare” - Module “Talking Hands: i segni prendono voce” - 108h
Feb-Aug 2015	Project Leader Creation and implementation of a 3D mounting and maintenance manual for electric cars University of Camerino and Belumbury Spa

RESEARCH EXPERIENCE

	Documents	Citations	H-index
Scopus	30	133	7
Google Scholar	37	187	8

In the first years of my research career, I have worked on both **Optimal Control Theory** and **Gesture Recognition**. Nowadays, my research is focused on **Mathematical Analysis**, with a special regard to the study of Hamiltonian systems and Differential Geometry.

Preprints

- 31 D. Corona, S. Nardulli, R. Oliver-Bonafoux, G. Orlandi,
“Multiplicity of solutions for Gross-Pitaevskii equations on Riemannian manifolds”, **2025**
arXiv:2511.21349
- 30 J.H. Andrade, D. Corona, S. Nardulli, P. Piccione, R. Ponciano,
“From bubbles to clusters: Multiple solutions to the Allen–Cahn system”, **2024**
arXiv:2410.17026

Journal papers

- 29 D. Corona, A. Della Corte, M. Farotti, “Dynamical properties of critical exponent functions”,
Palestine Journal of Mathematics, Vol 14(3), **2025**
Link: pjm.ppu.edu/paper/2266
- 28 D. Corona, S. Nardulli, R. Oliver-Bonafoux, G. Orlandi, P. Piccione, “Multiplicity results for mass
constrained Allen-Cahn equations on Riemannian manifolds with boundary”,
Mathematische Annalen, **2025**
doi:10.1007/s00208-025-03178-7
- 27 D. Corona, R. Giambò, P. Piccione, “A note on the regularity and the existence of Riemannian
splines”, Mathematics of Control, Signals, and Systems, **2025**
doi: 10.1007/s00498-025-00414-y
- 26 D. Corona, R. Giambò, “Global Models of Collapsing Scalar Field: Endstate”,
Symmetry, 16(5), 583, **2024**
doi: 10.3390/sym16050583
- 25 D. Corona, R. Giambò, O. Luongo, “Motion of test particles in quasi anti-de Sitter regular black
holes”, International Journal of Geometric Methods in Modern Physics, **2024**
doi: 10.1142/S021988782440019X

- 24 E. Caponio, D. Corona, R. Giambò, P. Piccione, “Fixed energy solutions to the Euler-Lagrange equations of an indefinite Lagrangian with affine Noether charge”, *Annali di Matematica Pura e Applicata*, **2024**
doi: 10.1007/s10231-024-01424-4
- 23 V. Benci, D. Corona, S. Nardulli, L. E. Osorio Acevedo, P. Piccione, “Corrigendum to: Lusternik-Schnirelman and Morse Theory for the Van der Waals-Cahn-Hilliard equation with volume constraint”, *Nonlinear Analysis*, vol. 238, **2024**
doi: 10.1016/j.na.2023.113389
- 22 D. Corona, A. Della Corte, “Mixing properties of erasing interval maps”, *Ergodic Theory and Dynamical Systems*, vol. 44(2), **2024**
doi: 10.1017/etds.2023.16
- 21 D. Corona, A. Della Corte, F. Giannoni, “A non-autonomous variational problem describing a non-linear Timoshenko beam”, *SIAM Journal of Mathematical Analysis*, vol. 55(5), **2023**
doi: 10.1137/22M1493653
- 20 D. Corona, R. Giambò, F. Giannoni, P. Piccione, “On the relative category in the brake orbits problem”, *Topological Methods in Nonlinear Analysis*, vol. 61, no. 1, pp. 199-215, **2023**
doi: 10.12775/TMNA.2022.057
- 19 E. Caponio, D. Corona, “A variational setting for an indefinite Lagrangian with an affine Noether charge”, *Calculus of Variations and Partial Differential Equations*, 62:39, **2023**
doi: 10.1007/s00526-022-02379-1
- 18 M. L. Corradini, G. Ippoliti, G. Orlando, D. Corona “A data-driven model-free adaptive controller with application to wind turbines”, *ISA Transactions*, vol. 136, pp. 267–274, **2023**
doi: 10.1016/j.isatra.2022.11.002
- 17 D. Corona, F. Giannoni, “Brake orbits for Hamiltonian systems of classical type via Finsler geodesics”, *Advances in Nonlinear Analysis*, vol. 11, no. 1, 2022, pp. 1223-1248, **2022**
doi: 10.1515/anona-2022-0222
- 16 D. Corona, A. Della Corte, “The critical exponent functions”, *Comptes Rendus Mathématique*, vol. 360, pp. 315-332, **2022**
doi: 10.5802/crmath.286
- 15 D. Corona, “A multiplicity result for orthogonal geodesic chords in Finsler disks”, *Discrete and Continuous Dynamical Systems*, vol. 41(11), **2021**
doi: 10.3934/dcds.2021079
- 14 F. Pezzuoli, D. Corona, and M. L. Corradini, “Recognition and classification of dynamic hand gestures by a wearable data-glove”, *SN Computer Science*, vol. 2, **2021**
doi: 10.1007/s42979-020-00396-5
- 13 D. Corona, “A multiplicity result for Euler–Lagrange orbits satisfying the conormal boundary conditions”, *Journal of Fixed Point Theory and Applications*, vol. 22, pag. 60, **2020**
doi: 10.1007/s11784-020-00795-4
- 12 D. Corona and F. Giannoni, “A New Approach for Euler-Lagrange Orbits on Compact Manifolds with Boundary”, *Symmetry*, vol. 12, n. 11, pag. 1917, **2020**
doi: 10.3390/sym12111917
- 11 F. Pezzuoli, D. Tafaro, M. Pane, D. Corona, and M. L. Corradini, “Development of a new sign language translation system for people with autism spectrum disorder”, *Advances in Neurodevelopmental Disorders*, **2020**
doi: 10.1007/s41252-020-00175-6
- 10 D. Corona, A. Cristofaro, and D. Rotondo, “Reachability and stabilization of scheduled steady-states for LPV single-input systems”, *Journal of the Franklin Institute*, vol. 356, n. 8, pagg. 4478–4495, **2019** doi: 10.1016/j.jfranklin.2019.04.007
- 9 D. Corona and A. Cristofaro, “Optimality principles and decomposition of tracking controllers for weakly dual redundant systems”, *Optimal Control Applications and Methods*, 16, **2018**
doi: 10.1002/oca.2420

Conference papers

- 8 F. Pezzuoli, D. Corona, and M. L. Corradini, “Dynamic gestures recognition through a low-cost data glove”, in 2020 IEEE international conference on human-machine systems (ICHMS), pagg. 1–3, **2020** doi: 10.1109/ICHMS49158.2020.9209424
- 7 D. Corona and A. Cristofaro, “Optimal controlled steady-states for multi-input underactuated systems”, 18th European Control Conference (ECC), 3734–3739, **2019** doi: 10.23919/ECC.2019.8795796
- 6 F. Pezzuoli, D. Corona, and M. L. Corradini, “Improvements in a Wearable Device for Sign Language Translation”, in Advances in Human Factors in Wearable Technologies and Game Design, AHFE, pagg. 70–81, **2019** doi: 10.1007/978-3-030-20476-1_9
- 5 D. Corona and A. Cristofaro, “Optimal closed-loop tracking controllers for weakly dual redundant systems with periodic references”, IEEE CDC, **2018** doi: 10.1109/CDC.2018.8619169
- 4 D. Corona and A. Cristofaro, and D. Rotondo, “Optimizing output regulation for a class of underactuated LPV systems”, in Mediterranean control conference, pagg. 135–140, **2017** doi: 10.1109/MED.2017.7984107
- 3 D. Corona and A. Cristofaro, and M. L. Corradini, “Optimal output regulation for underactuated systems with quasiperiodic references”, IFAC World Congress 2017, pagg. 3717–3722, **2017** doi: 10.1016/j.ifacol.2017.08.712
- 2 F. Pezzuoli, D. Corona, M. L. Corradini, and A. Cristofaro, “Development of a wearable device for sign language translation”, in Int. Workshop on human-friendly robotics (HFR2017), Cham, pagg. 115–126, **2017** doi: 10.1007/978-3-319-89327-3_9
- 1 D. Corona and A. Cristofaro, “Some remarks on optimal output regulation for weakly dual redundant plants”, in Mediterranean control conference, pagg. 1205–1211, **2016** doi: 10.1109/MED.2016.7536028

Grants and Coordinated Research Projects

INDAM Scholarship for Research Abroad (A.Y. 2023–2024)

I carried out a one-month research stay at the Instituto de Matemática e Estatística, Universidade de São Paulo (Brazil), working in collaboration with Prof. Paolo Piccione, Prof. Stefano Nardulli, and Prof. João Henrique Andrade.
from 25/06/2024 to 25/07/2024

GNAMPA 2024 – Professori Visitatori Program – hosting professor within the GNAMPA visiting professor program for Prof. Stefano Nardulli (Universidade Federal do ABC, Brazil).
Supported by the “Professori Visitatori” funding scheme.
from 19/01/2024 to 09/02/2024

GNAMPA 2022 Project – coordinator of the project “*Metodi variazionali per Lagrangiane con bassa regolarità e Lagrangiane indefinite*”.
Participants: D. Corona, E. Caponio, F. Giannoni, R. Giambò, A. Masiello.
from 13/05/2022 to 31/08/2023

Kovalevskaya Grant – grant awarded for participation at the ICM 2022.
(Not attended due to the cancellation of the event because of the war in Ukraine.)

Participation in Research Projects

FAPESP Project (number 2022/16097-2) – “*Modern Methods in Differential Geometry and Geometric Analysis*”, coordinated by Prof. Paolo Piccione (Universidade de São Paulo, Brazil).
Funded by FAPESP (Fundação de Amparo à Pesquisa do Estado de São Paulo).
from 01/07/2023 – ongoing. [Link](#)

FAPESP Jovem Pesquisador Project (Process No. 2021/05256-0) – “*Geometric Variational Problems: Existence, Regularity, and Geometric Characterization of Solutions*”, with PI Stefano Nardulli.
from 17/02/2025 – ongoing. [Link](#)

SPRINT FAPESP Project (number 23/08246-0) – “*Advancing New Approaches to the ACH Equation: A Research Partnership between São Paulo and UNICAM*”.

Member of the research group at University of Camerino, with Italian PI Fabio Giannoni.
from 01/10/2023 – 30/10/2025. [Link](#)

GNAMPA Project 2023 – “*Biliardi galattici rifrattivi: dalla teoria dei Sistemi Dinamici alla Meccanica Celeste*”, coordinated by Irene De Blasi.
from 01/05/2023 to 30/09/2024

FAR 2019 (Fondo di Ateneo per la Ricerca), University of Camerino
“*Talking Hands: from a prototype to an effective and usable device*”, coordinated by Prof. Maria Letizia Corradini.
from 01/01/2020 to 30/12/2022

PRIN 2015 – SOFTWIND Project (protocol 2015CNSBY2_001) – “*SOFTWIND: Smart Optimized Fault-Tolerant Wind Integrated Dynamics*”, with PI Prof. Maria Letizia Corradini.
Funded by the Italian Ministry of Research. Participation as Postdoctoral Researcher.
from 01/01/2020 to 31/12/2020

Conference Organization

- 2025 Co-organizer of the online seminar series “International Research Group in Topology, Algebra, and Dynamical Systems” (IRGTADS), January–July 2025, [link](#)
- 2024 Member of the organizing committee of the conference “Bridging Borders: International Geometric Analysis in São Paulo”, 19th–23rd August, Instituto de Matemática e Estatística, Universidade de São Paulo, São Paulo, Brazil, [link](#)

Seminars and communications at conferences

- 12/12/25 “Cohomogeneity One Minimal Hypersurfaces via Degenerate Geodesics”
Universidade de São Paulo, São Paulo, Brazil
- 24/07/25 “Multiplicity results for the Allen-Cahn equation in compact Riemannian manifolds”
MCA 2025 (Mathematical Congress of the Americas), Miami, USA
- 24/06/25 “A multiplicity result for the Allen-Cahn equation in manifolds with boundary”
INDAM Workshop, “Old and New Trends in Mathematical Collaboration between Brazil and Italy”, Rome, Italy
- 20/02/25 “Multiplicity results for the Allen-Cahn equation in compact Riemannian manifolds”
Great Bay University, Dongguan, China
- 09/10/24 “On the multiplicity of the brake orbits”,
Università degli Studi dell’Aquila, L’Aquila, Italy
- 25/09/24 “The Critical Exponent Functions”,
University of Cape Town, Cape Town, South Africa
- 27/08/24 “Multiplicity results for the Allen-Cahn equation”,
CLAM (Congresso Latino-Americano e do Caribe de Matemática), João Pessoa, Brazil
- 30/04/24 “A multiplicity result for the Allen-Cahn equation”,
University of Cape Town, South Africa (online)
- 11/04/24 “Multiplicity results for the Allen-Cahn equation”,
Università degli Studi di Verona, Verona, Italy
- 19/07/23 “On the multiplicity of the brake orbits”,
Universidade Federal do ABC, São Paulo, Brazil
- 02/06/23 “On the multiplicity of the brake orbits”,
Universidade de São Paulo, São Paulo, Brazil
- 26/05/23 “On the multiplicity of the brake orbits”,
Universidade de Federal São Carlos, São Carlos, Brazil
- 19/04/23 “On the multiplicity of the brake orbits”,
La ricerca italo-brasiliana di fronte alle sfide della matematica contemporanea, Brasília, Brazil
- 16/03/23 “The Critical Exponent Functions”,
Universidade Federal do ABC, São Paulo, Brazil

- 11/11/22 “On the multiplicity of the brake orbits”,
1–st QFNU-UNICAM Conference on Pure and Applied Mathematics, Camerino, Italy
- 10/11/22 “A variational setting for indefinite Lagrangians with an affine Noether charge”,
1–st QFNU-UNICAM Conference on Pure and Applied Mathematics, Camerino, Italy
- 12/05/22 “On the existence and multiplicity of the brake orbits”,
First Adriatic Meeting on Nonlinear Differential Equations, Ancona, Italy
- 14/02/22 “The Critical Exponent Functions”,
University of Bologna, Bologna, Italy
- 21/01/20 “Orthogonal Geodesics Trajectories in Manifolds with Boundary”,
Ruhr-Universität Bochum, Bochum, Germany

TEACHING EXPERIENCE

Advising

Ongoing Co-advisor of the PhD student Bruno Almeida at the Federal University of ABC, Brazil.

PhD courses & Abroad

- 2024 Lecturer in the Erasmus+ Staff Mobility Program at the Universidade de São Paulo (USP), Brazil.
Taught the course “Critical Point Theory in Geometric Analysis” (16h), attended by PhD students from USP and Erasmus students from the University of Camerino.
Mobility dates: 08/07/2024 – 20/07/2024
- 2021/22 Professor of “An Introduction to KAM Theory”, UNICAM, School of Advanced Studies, 21h
- 2021 External Lecturer of the PhD course “Critical Point Theory”, Universidade de São Paulo, Brazil, 30h

Courses in Italian universities

- 2024/25 Adj. Prof. of Calculus of Variations, UNICAM, Master Course in Math and Applications, 42h
Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
- 2023/24 Prof. of Calculus of Variations, UNICAM, Master Course in Mathematics and Applications, 42h
Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
- 2022/23 Prof. of Calculus of Variations, UNICAM, Master Course in Mathematics and Applications, 42h
Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
- 2021/22 Adjunct Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
Adjunct Prof. of Analysis 2, UNICAM, Bachelor Course in Physics, 17h
- 2020/21 Adjunct Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
Adjunct Prof. of Analysis 2, UNICAM, Bachelor Course in Physics, 17h
- 2019/20 Adjunct Prof. of Analysis 3, UNICAM, Bachelor course in Mathematics and Applications, 42h
Exercise Lectures of Analysis 1, UNICAM, Bachelor course in Mathematics and Applications, 25h
Exercise Lectures of Analysis 2, UNICAM, Bachelor course in Mathematics and Applications, 14h
Exercise Lectures of Mathematical Methods for Physics, UNICAM, Bachelor Course in Physics, 25h
- 2018/19 Adjunct Prof. of System Analysis, UNICAM, Mathematics and Applications, 42h
Exercise Lectures of Mathematical Methods for Physics, UNICAM, Bachelor Course in Physics, 25h
Exercise Lectures of Analysis 2, UNICAM, Bachelor Course in Physics, 25h
- 2017/18 Exercise Lectures of Analysis 2, UNICAM, Bachelor Course in Physics, 25h
- 2016/17 Programming Class, UNICAM, Bachelor Course in Mathematics and Applications, 30h
Exercise Lectures of Analysis 2, UNICAM, Bachelor course in Mathematics and Applications, 25h
Exercise Lectures of Analysis 1, UNICAM, Bachelor course in Mathematics and Applications, 25h

Theses

I supervised the following theses for the Master and Bachelor degrees of Mathematics and Applications in UNICAM.

Master Theses

- 2024 F. Scarabotti, “A multiplicity result for the Allen-Cahn equation”;
- 2022 F. Polidori, “Critical Point Theory and Geodesical Connectedness in Lorentzian Manifolds”;
- R. Rapini, “Diffeomorphisms of the Circle and KAM Theory”;

Bachelor Theses (the following theses were written in Italian)

- 2025 M. Orioli “Esempi e Controesempi in Analisi Matematica”;
- F. Broschiani o Paciotti “Splines come modello alternativo in ottimizzazione bayesiana”;
- M. Angeletti, “Modelli di crescita e diffusione: un’introduzione analitica alla dinamica di popolazioni”;
- I. Ubaldi, “Introduzione Analitica al Problema del Trasporto Ottimo”;
- C. Galiano, “Caratterizzazione Variazionale delle Splines”;
- 2024 E. Boeri, “Trasformata di Fourier: Teoria e Applicazioni nell’Analisi dell’Audio”;
- 2023 A. Arena, “Teorema della Funzione Implicita e Teoria della Biforcazione”;
- S. Bertè, “Teoria del Caos e Applicazioni alla Crittografia”;
- 2022 F. Allegrezza, “La trasformata di Fourier e le sue applicazioni nel controllo qualità”;
- A. Rossi, “Introduzione all’Analisi p -adica”;
- F. Finucci, “Teoria del caos e generazione di numeri pseudocasuali”;
- L. U. Massetti, “Soluzione numerica di equazioni differenziali ordinarie”;
- 2021 G. Pacini, “Risoluzione di Equazioni Differenziali con il Metodo di Galerkin”;
- M. Farina, “Teorema della funzione implicita e sue applicazioni”;
- M. Faleschini, “Serie di Fourier: dall’equazione del calore alle applicazioni informatiche”;
- M. Carletti, “Introduzione all’Analisi non Standard”;
- 2020 D. Fioriti, “Reti Neurali e Teorema di Approssimazione Universale”;
- L. Falzetti, “Fast Fourier Transform e Applicazioni”;
- G. Celik, “Introduzione al Calcolo delle Variazioni”;
- L. Carini, “Machine Learning e riconoscimento di sequenze introniche nel genoma di protozoi ciliati”;
- E. Langella, “Mountain Pass Theorem e risoluzione del problema di Dirichlet per equazioni ellittiche”;
- 2019 F. Volpi, “Teoria dei Punti Critici”;
- R. Milani, “Studio Preliminare per il Riconoscimento di Gestii Dinamici basato su Guanti Sensorizzati”;
- 2018 G. Sbrega, “Realizzazione di un sistema di Predictive Text”.

THIRD MISSION

Through the spin-off Limix, of which I was founding partner and CEO from 2015 until 2022, I translated the academic research into products with high social impact. The main project was Talking Hands, a wearable device for gesture recognition which aims to help people with severe speech or language problems. After the start-up period, Limix has been successfully sold.

Patents:

- Talking Hands: N. 102016000038807 granted by MISE (Ministero dello Sviluppo Economico);
- “Apparato di acquisizione di immagini di documentazione cartacea”: N. 102020000006358 granted by MISE.

Research Projects:

POR MARCHE FESR 2014–2020 – “Promozione della ricerca industriale e dello sviluppo sperimentale negli ambiti della specializzazione intelligente”.

Coordinator of the project *E-GLOVE: Enhanced Gesture transLation for improving Vocal Experiences*; Co-funded by the European Union (ERDF), the Italian Government, and Regione Marche, with a total grant of **€268,578.40**. Project duration: 24/09/2020 - 16/06/2021. [Link](#)

H2020 Project – SME Instrument Phase 1 (EU Grant n. 808764)

Project title: “Talking Hands”; I coordinated the technical activities and feasibility study.

Funded by the European Commission with **€50,000**.

Project duration: 01/02/2018 – 31/07/2018. [Link](#)

POR MARCHE FESR 2014–2020 – “Sostegno allo sviluppo ed al consolidamento di start up ad alta intensità di applicazione di conoscenza”; Coordinator of the project *Talking Hands*.
Co-funded by the European Union (ERDF) and Regione Marche, with a total grant of **€100,000**.
Project duration: 15/03/2017 – 30/06/2018.

Awards:

- 2019 **Premio ANGI** (Associazione Nazionale Giovani Innovatori):
awarded to the spin-off company Limix Srl as one of the most promising Italian innovations in the field of technology and social impact.
- 2019 **Seal of Excellence** (SME Instrument Phase 2): Certificate delivered by the European Commission which states that Talking Hands was scored as a high-quality project proposal in a highly competitive evaluation process
- 2018 **Finalist of Chivas Venture**, international competition for start-up with high social impact
- 2016 **R.O.M.E. Prize**, for the European maker project with highest social impact; **100,000\$**
- 2016 **E-Capital**, regional Business plan competition
- 2015 **StartCup Marche**, regional Business plan competition

Public Speeches:

During my work and academic careers, I had different public speeches. The main ones are listed below.

- 2019 **TEDxAscoliPiceno** with the speech “Il primo obiettivo della tecnologia”
<https://www.youtube.com/watch?v=kZKQHc-4EFA&t=1s>
- 2021 **Sharper Night - La notte dei ricercatori** with the speech “Ricerca e Disabilità”
Famelab - Talking Science
https://www.youtube.com/watch?v=rOM9y_rpqYc and <https://www.youtube.com/watch?v=pfoKYrhNK1U>
- 2019 **Forum PA** (Italian National Forum of Public Administration)
invited by Undersecretary for Family and Disability Vincenzo Zoccano, Rome
- 2018 **Makers Town**, showcasing the Town of the Future and what needs to be done in terms of policy, private investment and education, Bruxelles
SUCCEED, Stimulate financial education to foster entrepreneurship and Development, Bruxelles

LANGUAGES

Italian	Mother tongue
English	Cambridge First Certificate (B2)
Portuguese	Celpe-Bras certificate (B1)

Italy, December 2025

I hereby authorize the processing of my personal data included in this curriculum vitae in accordance with Regulation (EU) 2016/679 (General Data Protection Regulation – GDPR).