

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name

FILIPPO GERBINO

Address

Telephone

E-mail

Nationality

Date of birth

WORKING EXPERIENCE

- | | |
|---|---|
| <ul style="list-style-type: none">• Dates (from – to)• Role• Project Name• Subjects• Organization | <p>APRIL 2024 - PRESENT</p> <p>POSTDOCTORAL RESEARCHER</p> <p>ORGAN ON A CHIP - PERSONALIZED ORGANOIDS FOR THE IN-VITRO INVESTIGATION OF INHERITED CARDIAC PATHOLOGIES</p> <p>DEVELOPMENT OF AN EMBEDDED MONITORING, ANALYSIS AND FEEDING SYSTEM OF ORGANOIDS IN-VITRO; IMPLEMENTATION AND PROGRAMMING OF STM-32 MICROCONTROLLER;</p> <p>POWER ELECTRONIC AND ELECTRONIC HARDWARE DESIGN.</p> <p>UNIVERSITY OF PARMA - DEPARTMENT OF MEDICINE AND SURGERY</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Role• Subjects• Organization | <p>JANUARY 2024 – DECEMBER 2024</p> <p>FABLAB HOST AND SUPERVISOR – PART-TIME</p> <p>DESIGN, MODELLING AND DIGITAL MANUFACTURING FOR CNC MACHINERY; TEACHING ON/OFF APS – PARMA</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Role• Subjects• Organization | <p>JANUARY 2023 – MARCH 2023</p> <p>HIGH SCHOOL TEACHER</p> <p>MATH (CLASS A026)</p> <p>ISTITUTO ISTRUZIONE SUPERIORE “C. RONDANI” – PARMA</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Role• Subjects• Organization | <p>JANUARY 2021 – MAY 2021</p> <p>JANUARY 2020 – MAY 2020</p> <p>DEMONSTRATOR</p> <p>LABORATORY OF AEROSPACE FLUID AND THERMAL SYSTEMS</p> <p>UNIVERSITY OF BRIGHTON</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Role• Subjects | <p>NOVEMBER 2020 – MARCH 2021</p> <p>SENIOR RESEARCH SUPPORT ASSISTANT – PART-TIME</p> <p>“RE-ARMED” CFD STUDY OF COMBUSTION CHAMBER IN SPLIT-CYCLE ENGINE</p> |

<ul style="list-style-type: none">• Organization	UNIVERSITY OF BRIGHTON		
EDUCATION AND TRAINING			
<ul style="list-style-type: none">• Title of qualification awarded<ul style="list-style-type: none">• Dates (from – to)• Organization• Title of the project	DOCTOR OF PHILOSOPHY JANUARY 2018 – OCTOBER 2022 UNIVERSITY OF BRIGHTON (UK) - SCHOOL OF ARCHITECTURE, TECHNOLOGY AND ENGINEERING A GENERALISED EULERIAN-LAGRANGIAN FRAMEWORK FOR THE MODELLING OF NON-SPHERICAL DROPLETS DYNAMICS IN SPRAYS		
<ul style="list-style-type: none">• Title of qualification awarded<ul style="list-style-type: none">• Dates (from – to)• Organization• Final Grade	MASTER DEGREE IN SPACE ENGINEERING OCTOBER 2010 – DECEMBER 2015 UNIVERSITY OF PISA (ITALY) - DEPARTMENT OF AEROSPACE ENGINEERING 106 /110		
<ul style="list-style-type: none">• Title of qualification awarded<ul style="list-style-type: none">• Dates (from – to)• Organization• Final Grade	DEGREE IN AEROSPACE ENGINEERING SEPTEMBER 2005 – 30 MARCH 2009 UNIVERSITY OF PALERMO (ITALY) - DEPARTMENT OF AEROSPACE ENGINEERING 110/110 CUM LAUDE		
RELEVANT EXPERIENCES AND AQUIRED SKILLS			
<ul style="list-style-type: none">• Dates (from – to)<ul style="list-style-type: none">• Role• Organization	SEPTEMBER 2024 - PRESENT ASSISTANT SUPERVISOR OF BACHELOR’S THESIS PROJECTS IN ELECTRONIC ENGINEERING UNIVERSITY OF PARMA		
<ul style="list-style-type: none">• Dates (from – to)	OCTOBER 2019 – FEBRUARY 2020 MAY 2019 – AUGUST 2019 SEPTEMBER 2018 – NOVEMBER 2018 SUPERVISOR OF BACHELOR AND INTERNSHIP PROJECTS UNIVERSITY OF BRIGHTON		
<ul style="list-style-type: none">• Role• Organization			
LINGUISTIC SKILLS			
MOTHER TONGUE	ITALIAN		
OTHER LANGUAGES <ul style="list-style-type: none">• Reading skills• Writing skills• Verbal skills	ENGLISH ADVANCED ADVANCED ADVANCED	SPANISH INTERMEDIATE BASIC INTERMEDIATE	FRENCH BASIC BASIC BASIC
INFORMATICS SKILLS			

<ul style="list-style-type: none">• SOFTWARE• Type• Skill Level• SOFTWARE• Type• Skill Level	C++	OPENFOAM	OFFICE SUITES	SOLIDWORKS	PHOTOSHOP
	PROGRAMMING	CFD	DOCUMENT	3D CAD	PHOTO EDITING
	ADVANCED	ADVANCED	ADVANCED	ADVANCED	ADVANCED
	LATEX	LINUX UBUNTU	MICROSOFT WINDOWS	MATLAB	ILLUSTRATOR
	DOCUMENT	OS	OS	PROGRAMMING	GRAPHIC
	ADVANCED	ADVANCED	ADVANCED	INTERMEDIATE	ADVANCED
SOCIAL SKILLS					
<ul style="list-style-type: none">• Experiences	OPEN MINDED AND PRO-DIVERSITY ATTITUDE				
	INCLINATION TO BE FRIENDLY AND TO BUILD A GENUINE HUMAN RELATIONSHIP WITH ANYONE				
	RESPECTFUL BEHAVIOR TOWARDS PEOPLE CULTURE AND SENSIBILITY				
	WILLINGNESS TO MEDIATE IN DEBATES IN A GROUP OF PEOPLE FULL TIME PATERNITY (2021-2022); TRAVELLING AND LIVING ABROAD FOR LONG TIMES; TEAMWORK IN UNIVERSITY PROJECTS; POLITICAL ACTIVISM; DOCTORAL SUMMER SCHOOLS; PARTICIPATION TO CONFERENCES AND POSTER PRESENTATION DURING PhD; TEACHING				
ORGANISATIONAL SKILLS					
<ul style="list-style-type: none">• Experiences	PROACTIVE ATTITUDE TO FACE NEW SITUATIONS AND CHALLENGES				
	FAST LEARNER				
	ABILITY TO ORGANIZE AND/OR TO LEAD TEAMWORK				
	SELF-CRITICAL AND MINDFUL ATTITUDE				
	ABILITY TO MANAGE WORK IN ORDER TO RESPECT DEADLINES AND BUDGET				
	PRECISE AND PERFECTIONIST ATTITUDE TEAMWORK IN ACADEMIC PROJECTS; MULTIPLE EDUCATION EXPERIENCES; ORGANIZATION OF YOUTH EVENTS; POLITICAL ACTIVISM; PhD PROJECT; PART-TIME OCCUPATIONS				
JOURNAL PUBLICATIONS					
<ul style="list-style-type: none">• Title• Authors• Journal	EVOLVING DROPLET DYNAMICS DURING VIOLENT EXPIRATORY EVENTS AT VARIOUS AMBIENT ENVIRONMENTS				
	F. GERBINO, G. TRETOLA, R. MORGAN, P. ATKINS, S.J. WADDELL, S. PITT, K. VOGIATZAKI				
	ATOMIZATION AND SPRAYS, 31(9):25-48 (2021)				
<ul style="list-style-type: none">• Title• Authors• Journal	INFLUENCE OF THE INITIAL DROPLET DISTRIBUTION ON THE PREDICTION OF SPRAY DYNAMICS IN EULERIAN-LAGRANGIAN SIMULATIONS				
	F. GERBINO, G. TRETOLA, R. MORGAN, P. ATKINS, K. VOGIATZAKI				
	INTERNATIONAL JOURNAL OF MULTIPHASE FLOW. 141:103642 (2021)				

- Title LOCAL VOID FRACTION AND FLUID VELOCITY MEASUREMENTS IN A CAPILLARY CHANNEL WITH A SINGLE OPTICAL PROBE
- Authors F. GERBINO, M. MAMELI, S. FILIPPESCHI, P. DI MARCO
- Journal INTERFACIAL PHENOMENA AND HEAT TRANSFER, 5(1):23-42 (2017)

ARTISTIC SKILLS

- Activities WRITING: PROSE, POETRY

PHOTOGRAPHY AND PHOTO EDITING
- Portfolio FINE ARTS PRODUCTION: PLASTIC ARTS, PAINTING, SCULPTING, DRAWING
[CANVA.COM/DESIGN/DAE2GPMASPI/SMcYHZ1gYHH69zDE_NEF_A/view#1](https://www.canva.com/design/DAE2GPMASPI/SMcYHZ1gYHH69zDE_NEF_A/view#1)
- Video Website [HTTPS://VIMEO.COM/USER164642230](https://vimeo.com/user164642230)

OTHER SKILLS

MULTIDISCIPLINARY SCHOLAR - SUBJECT OF MAIN INTERESTS: MATH, PHYSICS, ASTRONOMY, NEUROSCIENCE, LITERATURE, PHILOSOPHY AND POLITICS

INTERDISCIPLINARY ATTITUDE

AMATEUR GAME DESIGNER OF CARDGAMES AND TABLETOP GAMES

GOOD MANUAL DEXTERITY WITH HAND TOOLS AND MACHINE TOOLS

DRIVING LICENSE

AUTOMOTIVE DRIVING LICENSE (ITALIAN CAT. B)