

# Curriculum vitae

## PERSONAL INFORMATION

Simone Privitera



Sex Male | Date of birth xx/xx/xxxx | Nationality

## EDUCATION AND TRAINING

- 2018–Present **MSc (Italian "Laurea Magistrale") in Physics of Complex Systems and Big Data**  
University of Rome Tor Vergata
- 2013–2017 **BSc (Italian "Laurea") in Physics** 88/110  
University of Rome Tor Vergata  
Thesis: "Inorganic perovskites 3D and 0D for light-emitting diode applications"  
Supervisor: Dr.Fabio De Matteis
- 2016–2017 **Certificate of attendance of Scuola di Politiche (i.e. School of Public Policy)**  
Founded by the former Italian Prime Minister Enrico Letta and promoted by AREL, the Agency of Research and Legislation. The aim is to develop every year the skills of 100 highly motivated young students to teach the policies, i.e. "the contents that gives a real meaning to politics intended as passion for common good, an ethical tension, a system of values that lies at the basis of political commitment".  
Final project: "Finance X.0", policy proposal in the field of blockchain, cryptocurrencies and initial coin offerings"  
Supervisor: Raffaele Mauro, Managing Director of Endeavor Italia
- Secondary School Diploma**  
Liceo Scientifico Statale Cavour, Roma

## WORK EXPERIENCE

- 10/2017–06/2019 **Physics Lab Assistant**  
Tutor of the LAB2Go-Physics, a work-experience project for high-school students based on the promotion of the physics laboratory and the use of microcontroller Arduino in cooperative learning.
- 04/2016–07/2016 **Student Researcher Intern**  
CNR (i.e. National Research Council) - Institute of Acoustics and Sensors "O.M.Corbino"  
Non destructive acoustic detections of glaze delaminations in antique ceramic tiles (portugues "azulejos"). Laser vibrometry and ACOustic Energy Absorption Diagnostic Device for cultural heritage.  
Supervisor: Dr. Paola Calicchia
- 2013–Present **Private Math&Physics Tutor**  
Private coaching & training practise for high school students.
- 09/2018–Present **Volunteer in the staff of Agenda Tevere**

Agenda Tevere is a non-profit organization that cultivates the revival of Rome's Tiber River in collaboration of both public and private stakeholders.

2015–Present **Volunteer of Retake Roma**  
Movement of citizens fighting against disrepair, enhancing common weal and spreading common feeling.

07/05/2016–08/05/2016 **Volunteer of Open House Rome**  
Guide at Falconieri Palace-Hungary Academy in Rome.

## PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Japanese	B1	B1	B2	B2	B1
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Organisational / managerial skills** Aptitude to problem solving and relationship management.  
Interested in optimization, big data analytics, machine learning, technology management and entrepreneurship.  
Active citizen: contribute to make my neighborhood more green with plant trees.

**Digital skills** Programming languages: Python, C, FORTRAN90, LabView.  
Scientific libraries: NumPy, Pandas, Scikit-learn, Keras, Tensorflow.  
Software packages: Microsoft Office, LaTeX.

**Other skills** Piano, Baritone voice

**Driving licence** B

## ADDITIONAL INFORMATION

**Conferences** Participation at "Change The World Model United Nations New York 2018". Scholarship winner, available through Scuola di Politiche

**Publications** De Matteis F., Vitale F., **Privitera S.**, Ciotta E., Pizzoferrato R., Generosi A., Paci B., Di Mario L., Pelli Cresi J.S., Martelli F., Proposito P. *Optical characterization of cesium lead bromide perovskites*. Crystals 2019, 9, 280.

Calicchia P., De Simone S., **Privitera S.** *Validation of contactless vibro-acoustic imaging for the detection of glaze delamination in glazed ceramic tiles*. GlazeArch2018, LNEC-Lisbon, 2018, 208-226.

Le informazioni contenute nel presente curriculum vitae et studiorum sono rese sotto la personale responsabilità del sottoscritto ai sensi degli artt. 46 e 47 del DPR 28.12.2000, n. 445, consapevole della responsabilità penale prevista all'art. 76 del medesimo DPR 28.12.2000, n. 445, per le ipotesi di falsità in atti e dichiarazioni mendaci.

Roma, 27/11/2019