Europass Curriculum Vitæ

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Personal information

Surname / First name	**Scaramuzza Paolo**
Address	via Siracusa 13
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Personal Email	scaramu1@dei.unipd.it
Nationality	Italian
Date of birth	16 December, 1992

Education and academic activities

2006-2011	**Liceo Scientifico "Duca degli Abruzzi" in Gorizia**
2011-2014	**Bachelor's degree**
	Information Engineering, University of Padova
Thesis: *A Study on the Efficiency of Integrated LC Oscillators for Ultra Wideband Impulse Radio Transmission*
2014-2016	**Master's degree**
	Electronics Engineering, University of Padova
Thesis: *Project of a Class J Power Amplifier in Integrated Bipolar Technology*
June 2015	Roberto Rocca scholarship winner
October 2016 - present	**Ph.D.**
	Information Engineering, University of Padova
Topic: *integrated circuits for radio-frequency applications*

Publications

ESSCIRC 2017	P. Scaramuzza, C. Rubino, M. Tiebout, M. Caruso, M. Ortner, A. Neviani, and A. Bevilacqua
Class-AB and Class-J 22dBm SiGe HBT PAs for X-Band Radar Systems
TCAS-I 2018	P. Scaramuzza, C. Rubino, M. Caruso, M. Tiebout, A. Bevilacqua, and A. Neviani
Class-J SiGe X-Band Power Amplifier Using a Ladder Filter-Based AM-PM Distortion Reduction Technique

Personal skills

Mother tongue — **Italian**

Self-assessment
European level[(*)]

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
B1 Independent user	B1 Independent user	A2 Basic user	A2 Basic user	A2 Basic user

English

German

[(*)] *Common European Framework of Reference (CEF) level*

Vacation studies abroad:

July 2008	Euroinstitute(Insbruck, Austria)
July 2009	ActiLingua Academy (Vienna, Austria)
August 2010	Institut für Interkulturelle Komunikation (Jena, Germany)
March 2011	Certificate in Advanced English (CAE)

Computer skills — Competent with several programming languages such as: C/C++, D, Python, Java, Javascript, HTML, CSS, PHP, MATLAB and functional programming languages.

Database knowledge (SQL), competent in networking and sysadmin tasks with Linux and BSD operating systems.

Electronics skills — Interested in electronics since childhood, with practical experience in designing and fabricating circuits and PCBs.

Knowledge on VHDL hardware description language.

Github profile — `https://github.com/electricant`

Working Experience

October 2017 - May 2018 — **Internship at Infineon Technologies Villach, Austria**

The internship was focused on design and measurement of integrated power amplifiers for 5G cellular networks operating at 28GHz.

Other Activities

February 2014-present — Member of the nonprofit organization *Faber Libertatis* in Padova. The organization recycles and repairs obsolete computers using free and open source software. The computers are then given away for charity.

October - December 2015 — Teacher of beginner computer classes for elderly people at the Public Library in Saonara (PD). The course was organized thanks to APS Faber Libertatis.

Sept. 2015 - Sept. 2017 — MORPHEUS project, University of Padova. The aim of the project was the design of a rover for the European Rover Challenge, an international robotics competition in which rovers constructing teams compete in the tasks analogous to those performed by rovers on the surface of Mars and the Moon.

March 2017 - June 2017 — Academic tutoring at the University of Padova in Analog Integrated Circuits Design (A. Bevilacqua)

October 2018 - February 2019 — Academic tutoring at the University of Padova in Integrated Circuits for Signal Processing (A. Gerosa)