



FRANCESCO ROMANO

July 21, 1999

PERSONAL DETAILS

Address

Pavia (PV), 27100

Driver's license

Italian License Type B

Languages

Italian (native), English (advanced)

E-mail

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EDUCATION

Ph.D. in Microelectronics (XXXIX Cycle)

University of Pavia | October 2023, now

Master Degree in Electronic Engineering

University of Pavia | October 2021 - October 2023

- Thesis: "Design of an Envelope Tracking Circuit for Piezoelectric MEMS-based Earbuds"

Bachelor's Degree in Electronic and Computer Engineering

University of Pavia | October 2018 - October 2021

- Thesis: "3D-Printed Compact Waveguide Filters Based on Slanted Ridge Resonators"

High School Degree

Liceo Scientifico Torquato Taramelli | September 2013 - June 2018

- 2017 - Class representative
- 2018 - Institute representative



RESEARCH PUBLICATIONS

F. Romano, N. Delmonte, C. Tomassoni, L. Perregrini and M. Bozzi, "3D-Printed Compact Waveguide Filters Based on Slanted Ridge Resonators," 2022 IEEE/MTT-S International Microwave Symposium - IMS 2022, Denver, CO, USA, 2022, pp. 96-99, [doi: 10.1109/IMS37962.2022.9865262](https://doi.org/10.1109/IMS37962.2022.9865262).

F. Romano, N. Delmonte, L. Perregrini and M. Bozzi, "Using a 3D-Printed Waveguide Filter with Ridge Resonators as a Dielectric Permittivity Sensor," 2023 IEEE/MTT-S International Microwave Symposium - IMS 2023, 11-16 June 2023, San Diego, SD, USA, 2023, [doi: 10.1109/IMS37964.2023.10187971](https://doi.org/10.1109/IMS37964.2023.10187971).



PERSONAL EXPERIENCES

CVC Sailing school

Caprera, Sailing Center Caprera | June 2016, June 2017

Student Ambassador at EuMW (European Microwave Week) 2022

Milano, MiCo conference centre | September 2022

Student Ambassador at IMS (International Microwave Symposium) 2023

San Diego, Convention Center | June 2023



MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE) Student Member: ID 98317049.



SKILLS

Coding

C, MATLAB, VHDL, Assembly, LaTeX.

Computer Aided Design

Cadence, Simplis, ANSYS Electronics.

OS and Software

Windows, Linux, Microsoft 365.



AWARDS

MTT-S Undergraduate/Pre-graduate Scholarship

Microwave Theory and Techniques Society (MTT-S) | September 2022