

Curriculum Vitae – Luca Persichetti

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Personal Information

Name: Persichetti, Luca

Date of Birth: October 19, 1985

Academic Age

16 years (starting from the beginning of PhD in 2009)

Education

2009 – 2012: PhD in Physics, University of Roma “Tor Vergata”, Italy

2007 – 2009: M.Sc. in Materials Science and Technology, University of Roma “Tor Vergata”, Italy
– 110/110 cum laude

Current Position

Associate Professor in Experimental Condensed Matter Physics

Department of Physics, University of Roma “Tor Vergata”

SSD: FIS03 / PHYS-03/A – Experimental Condensed Matter Physics and Applications

Affiliated with INFN, Roma 2 Section

Authorship Metrics

National Scientific Habilitation (ASN) for Full Professorship (I Fascia) in sector 02/B1

Scopus: 90 publications, 30 as first/corresponding author, 1,210 citations, h-index 18 (fulfilling criteria for Full Professorship in 02/B1)

Google Scholar: 1,556 citations, h-index 20

Scopus Author ID: 25936693900

Previous Positions

2022 – 2025: Tenure-Track Assistant Professor (RTDb), University of Roma “Tor Vergata”

2018 – 2022: Assistant Professor (RTDa), Roma Tre University, Department of Sciences

2016 – 2018: Research Assistant, ETH Zurich (Prof. Pietro Gambardella)

2013 – 2016: Marie Curie-COFUND Postdoctoral Fellow, ETH Zurich (Prof. Pietro Gambardella)

Prizes and Awards

2024: IAAM Scientist Medal, International Association of Advanced Materials

2022: IAAM Scientist Award in “Quantum Science & Technology”

Research Funding (as PI or Unit Coordinator)

LIFEPLASTSENS – PI (2021–2023, €149,625) – Funded by Lazio Region, Italy

PRIN2022-PNRR-SPIGA – Unit Coordinator (2023–2025, €231,471) – Funded by MUR, Italy

Marie Curie COFUND (FEL-42 13-2) – PI (2014–2016, 219,300 CHF) – Funded by EU-H2020 and ETH Zurich

PBEEE Excellence Scholarship – PI (2014, 35,000 CAD) – Quebec Ministry of Higher Education

Teaching Activities

Member of 3 PhD final exam committees, Supervisor of 2 bachelor theses.

Courses (2024–2025 Academic Year): Co-Responsible (co-docenza) for the course “Laboratorio di Fisica Sperimentale II”, Laurea in Scienza dei Materiali (2 CFU); Responsible (docenza) for the course “Laboratorio di Informatica”, Laurea in Scienza dei Materiali (6 CFU); Co-Responsible (co-docenza) for the course “Struttura Della Materia” (14 hours), Laurea in Fisica.

Institutional Roles and Responsibilities

Since 2025: Member, Student Scholarship Committee – Science Macroarea, Roma “Tor Vergata”

2024–2025: Member, Executive Board, Department of Physics

Since 2023: Head, Chemistry Laboratory; Reference Professor for B.Sc. in Materials Science

Since 2022: Member, Orientation & Third Mission Committee, Materials Science Program

Since 2021: Reviewer, Polish National Science Center

2020–2022: Organizer, Nanoscience & Nanotechnology Seminars – Roma Tre University

Membership in Scientific Societies

Member, Marie Curie Alumni Association (MCAA)

Fellow, International Association of Advanced Materials

Editorial Activity

Since 2022: Topic Editor, Materials.

Since 2019: Editorial Board, Semiconductor Science and Information Devices

Since 2017: Reviewer for journals including Nature Physics, PRL, JACS, ACS AMI, APL, Nanotechnology, etc.

Book Contributions:

- Self-Assembly of Nanostructures, Springer (The INFN Lectures, Vol. III)
- Surface and Interface Science, Vol. 4, Wiley-VCH

Conference Organization and Talks

Scientific Committee Member for 7 international conferences

17 invited talks at international conferences

Scientific Activity

Research in PHYS-03/A sector on surface phenomena using SPM and X-ray spectroscopies.

Focus areas (last 5 years):

- Synthesis of graphene and 2D materials on non-metallic substrates
- Magnetic property analysis of single atoms via X-ray circular dichroism
- STM investigations of molecular systems and surface reactions

Publications (last 5 years): 35 papers including 1 PRL, 1 ACS Nano, 1 Nano Letters, 1 JACS Au