

PERSONAL INFORMATION

Marco Lazzarino



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Sex M | Date of birth 18/04/1966 | Nationality Italian

WORK EXPERIENCE

20.Oct.2022 – today

Scientific Attaché, Embassy of Italy in Canberra
Ministero degli Affari Esteri e della Cooperazione Internazionale

- Bilateral scientific and technological relations with Australia and Fiji

01.Jan.2021 – 19.Oct.2022

Senior Scientist – Dirigente tecnologo –IOM-CNR Trieste

- Coordinator of the BioMED division of the institute
- Head of the 3M research group

08.Nov.2010 – 31. Dec. 2020

Senior Scientist – Primo tecnologo – IOM-CNR Trieste.

- Head of the NBMS research group

01.Dec.1998 – 07. Nov. 2010

Junior Scientist – tecnologo – INFM – laboratorio TASC, Trieste.

- Coordinator of the micro and nanofabrication laboratory

07.Jan.1998 – 30. Nov. 1998

"Funzionario tecnico di VIII livello" at Laboratorio G. Polvani, Scuola Normale Superiore. Pisa.

- Technical director of the Polvani labs

15. Mar 1995 – 31. Dec 1997

INFM Fellowship ot Laboratorio TASC-INFM, Trieste.

15.Sep.1992 – 14. Mar. 1995

Fellowship "Piano Nazionale per la Bioelettronica" at Technolobiochip – Marciana Marina (LI)

EDUCATION AND TRAINING

December 2012

PhD in Mathematics and Natural Science. University of Gröningen (NL)

December 1991

Laurea in Physics. University of Genoa (IT)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C2	C2	C2
	Replace with name of language certificate. Enter level if known.				
French	B1	B1	B1	B1	B1
	Replace with name of language certificate. Enter level if known.				

Communication skills Very Good. Speaker for Radio and TV channels programs on science communication
First year of the Master in science communication at SISSA in 1999

Organisational / managerial skills Leadership of several international research projects. Leadership of a research group of up to 10 scientists

Job-related skills **Vacuum and surface science:**
Auger Electron Spectroscopy (AES), Low Energy Electron Diffraction (LEED), High Resolution Electron Energy Loss Spectroscopy (HREEL) X-ray Photoemission spectroscopy (XPS) and synchrotron radiation X-ray Photoemission spectroscopy and microscopy.
Processing:
UV, Electron beam and AFM lithography, chemical etching and reactive ion etching, e-beam evaporation of metals and superconductors, PECVD of insulators, Silicon micromachining and MEMS fabrication.
Characterization:
optical spectroscopy (photoluminescence, absorption, Raman), microscopy (SEM, FIB, AFM, SNOM) Electrical and mechanical characterization /electronic devices, MEMS)
Project writing and managing
23 national and international proposal funding.
More than 4M€ in grant obtained and managed

Computer skills data acquisition (Labview); data analysis (Igor, Origin); finite element analysis (Comsol)

Other skills instructor of ski-touring and mountaineering

Driving licence Italy A and B, Australia C and R

ADDITIONAL INFORMATION

Publications	145 publications on international peer reviewed Journal Scopus <i>h</i> -index: 27 Scopus <i>citation</i> : 2300 Google scholar <i>h</i> -index: 29 Google scholar <i>citation</i> : 3000	
Presentations	More than 50 contributed at international conferences; 16 Invited presentation at international conferences	
Projects	23 national and international proposal funded. More than 4M€ in grant obtained and managed 9 proposal for large scale facilities access granted	
Visiting periods abroad	UCDenver – Anschutz Medical Campus. Denver CO Molecular Foundry – LBNL – Berkeley CA Molecular Foundry – LBNL – Berkeley CA Molecular Foundry – LBNL – Berkeley CA Princeton University, Princeton NJ	Aug 2018 – Feb 2019 Jun. 2015 – Jul. 2015 Nov. 2014 – Dec 2014 Jul. 2014 – Aug. 2014 Jul. 2003 – Aug. 2003
Institutional and industrial appointments	Member of the IOM-CNR consiglio di istituto Scientific advisory board of Alifax S.r.l, Padova (Italy) Scientific advisory board of ThunderNIL S.r.l Trieste (Italy) Member of the board of director for the Facility of Nanofabrication. (FNF) Partner and R&D consultant of A.P.E. Research S.r.l, Trieste Sale consultant for AFM products at Biofotonica S.r.l, Roma member of the IOM-CNR consiglio di istituto Director of the AFM facility at C.B.M. S.c.a.r.l., Trieste	2020 – today 2019 – today 2016 – today 2003 – today 2003 – today 2010 – 2018 2012 – 2016 2006 – 2013
Academic appointments	Visiting professor at Institute of System Medicine, Chinese Academy of Medical Science (ISM-CAMS), Suzhou, China. Adjunct professor at University of Trieste in Experimental Biophysics – Master in Physics Adjunct professor at University of Trieste in nanobiotechnology – Master in Biotechnology Faculty member of the PhD school in neurobiology of the SISSA of Trieste Faculty member of the PhD school in nanotechnology of the University of Trieste	Jan.2019 – Dec.2020 Oct.2017 – Sep 2019 Oct.2014 – today Oct.2013 – 2018 Nov.2009 – today
Master thesis supervisor	Biotechnology at UniTS: 8 Biotechnology at UniPG: 1 Genetics at UniTS: 1 Physics at UniTS: 4 Engineer at UniTS: 6 Engineer at UniMo: 1	
PhD thesis supervisor	PhD in nanotechnology at UniTS: 15 PhD in engineer at UniTS: 1 PhD in physics at SISSA: 1 PhD in biotechnology at UniUD: 1	

Visiting student
supervisor and
international
programs

MSCA - PCOFUND – GA – 2012
Project Talents- up

01.Jan.2014 – 31.12.2015

ICTP TRILL formation

K L University, Vaddeswaram, Vijayawada, Andhra Pradesh, INDIA
University of Islamabad, Pakistan

17.Oct.2012 – 16.Oct.2013

18.Jan.2006 – 18.Oct.2006

ICTP Diploma thesis

University of Addis Ababa

01.Jun.2009 – 31.Aug.2009

Visiting students

ETIUDA fellowship from National Science Centre (NCN)- Krakow - PL

04. Apr.2018 – 03.Oct.2018

Pakistan High Education Commission fellow and CIIT Islamabad Pakistan

18.Apr.2012 – 17.Oct.2012

Erasmus+ Traineeships - EU

03 Jul. 2017 - 02.Oct.2017

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Trieste 28/05/2023

