

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	PROF. ANDREA GALTAROSSA
Address	DEI UNIVERSITY OF PADOVA, VIA GRADENIGO 6/A, 35131 PADOVA, ITALY
Telephone	049 827 7660 (cell 351 566 9226)
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E-mail	andrea.galtarossa@unipd.it
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Nationality	Italian
Date of birth	[25,11,1958]

GENERAL RESEARCH INTERESTS

Single and multimode optical fibers, optical fiber sensors, Space Division Multiplexing, microwaves, antennas, photonics, optical telecommunications, polarization dispersion in optical fibers.

BIBLIOMETRIC SUMMARY DATA

• Total international publications	250
• Total citations	2700 source Scopus.com
• Total cited paper	160 source Scopus.com
• H-index	30 source Scopus.com

EDUCATION AND TRAINING

• Dates (from – to)	Master Degree in Electronic Engineering (1977-1984)
• Name and type of organisation providing education and training	University of Padova
• Principal subjects/occupational skills covered	Research and education
• Title of qualification awarded	Electronic Engineer

PRINCIPAL POSITIONS

• Dates (from – to)	2006- to date
• Name and address of employer	University of Padova, Italy
• Type of business or sector	Research and Education
• Occupation or position held	Full professor
• Main activities and responsibilities	Teaching and research
• Dates (from – to)	1998-2006
• Name and address of employer	University of Padova, Italy
• Type of business or sector	Research and Education
• Occupation or position held	Associate professor

- Main activities and responsibilities
 - Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

Teaching and research

1990-1996

University of Padova
Research and Education
Assistant professor
Teaching and research

ADDITIONAL POSITIONS

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

1987-1990

SAIFO srl, Padova, Italy
Consultant
General coordinator
Teaching and research

1985-1986

Telettra Spa
Telecommunications
Post graduate fellowship

VISITING POSITIONS

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

(2013-2015)

International Institute for Urban Systems Engineering, Southeast University, Nanjing, China,
Academic
“High-end foreign expert” project (2013-2015) supported by Republic of China.
Instructor

TEACHING

- Current
- Past

Electromagnetic waves, microwaves, antennas, photonics, optical fibers

Electromagnetic waves, microwaves, antennas, photonics, optical fibers

SELECTED PUBLICATIONS AND RESEARCH REPORTS

(out of more than **X** book publications)

- 1) “Measurements of beat length and perturbation length in long single-mode fibers”, A Galtarossa, L Palmieri, M Schiano, T Tambosso, Optics Letters 25 (6), 384-386, 2000, (250 citations)
- 2) “Statistical characterization of fiber random birefringence”, A Galtarossa, L Palmieri, M Schiano, T Tambosso, Optics Letters 25 (18), 1322-1324, 2000, (254 citations)
- 3) “Polarization mode dispersion”, C.R. Menyuk and A. Galtarossa Editors, Springer Verlag, 2005
- 4) “Spatially resolved PMD measurements”, A. Galtarossa, L. Palmieri, Journal of lightwave technology 22 (4), 1103-1115, 2004, (81 citations)
- 5) “Measurement of birefringence correlation length in long, single-mode fibers”, A Galtarossa, L Palmieri, M Schiano, T Tambosso, Optics Letters 26 (13), 962-964, 2001, (80 citations).

**PERSONAL SKILLS
AND COMPETENCES**

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

**SOCIAL SKILLS
AND COMPETENCES**

*Living and working with other people, in
multicultural environments, in positions
where communication is important and
situations where teamwork is essential.*

**ORGANISATIONAL SKILLS
AND COMPETENCES**

*Coordination and administration of
people, projects and budgets; at work, in
voluntary work.*

ITALIAN

ENGLISH

Good
Good
Good

Facility in communicating with colleagues and students. Capacity of working in team, with colleagues, post-docs and students, testified by many collaborative publications in journals and conference proceedings

Coordination of research group
Project coordination and management

PI of national and international projects (selected):

“New generation fiber optics and all fiber devices”, held between DEI and the Gwangju Institute of Science and Technology (GIST, Korea) in the framework of the bilateral agreement between Italy and Republic of Korea (2004-2006).

“Special optical fibers and devices for photonics applications in communications and sensing”, held between DEI and Yonsei University, Seoul, in the framework of the bilateral agreement between Italy and Republic of Korea (2007-2009).

“Polarization Mode Dispersion in Single-mode Optical Fiber Systems (theory, measure and mitigation)”, held between DEI and Nelson Mandela Metropolitan University, Port Elizabeth, in the framework of the bilateral agreement between Italy and South Africa (2008-2010).

Cariparo Foundation Project (2009-2013) titled “Innovative integrated Systems for Monitoring and assessment of high risk LANDslides” (SMILAND).

“Polarization effects in next generation high capacity optical fiber systems”, held between DEI and Nelson Mandela Metropolitan University (NMMU, Port Elizabeth) (2011-2013)

ADDITIONAL INFORMATION

IEEE Fellow Member (2018)
IEEE Life Fellow (2024)
OPTICA Fellow Member (2016)
Full member of Accademia Galileiana di Scienze Lettere ed Arti (2017)
INVENTOR IN 7 US PATENTS {US6,229,599 (B1); US6,697,150 (B1); US6,920,270 (B2);
US7,013,085 (B2); US 7,082,229 (B2); US10,330,525 (B2); US10,634,551 (B2)}

MEMBER OF THE TECHNICAL PROGRAM COMMITTEE OF EUROPEAN CONFERENCE ON OPTICAL COMMUNICATION (ECOC) IN 2007, 2008, 2009, 2011.

TECHNICAL PROGRAM Co-CHAIR FOR ECOC 2010.

MEMBER OF TPC OF OFC (2015, 2016, 2017).

TOPICAL EDITOR OF OSA OPTICS LETTERS (2009-2013)

DEPUTY EDITOR OF OPTICS LETTERS (2014-2020).

EDITOR OF LIGHT, SCIENCE AND APPLICATIONS (NATURE) (2022-)

REFERENCE:

PROF. X.-C. ZHANG, THE INSTITUTE OF OPTICS, UNIVERSITY OF ROCHESTER
Co-EDITOR IN CHIEF *LIGHT, SCIENCE AND APPLICATION – NATURE*
XI-CHENG.ZHANG@ROCHESTER.EDU

PROF. ALAN ELI WILLNER, UNIVERSITY OF SOUTHERN CALIFORNIA
PAST PRESIDENT *OPTICAL SOCIETY OF AMERICA*
WILLNER@USC.EDU

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.

Padova, 30.06.2024

Andrea Galtarossa

Signature

A handwritten signature in black ink, reading "Andrea Galtarossa". The signature is written in a cursive style with a long horizontal stroke extending to the right.