

## Curriculum vitae

### PERSONAL INFORMATION

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First name, Family name: Stefan Wabnitz

Researcher unique identifiers: ResearcherID: J-5578-2013; Orchid ID: orcid.org/0000-0003-4419-6618; Scopus Author ID: 7005398377

Date of birth: 17.10.1958, married, two children (2007, 2012)

Nationality: Italian and German

### PUBLICATION RECORD

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- Authored or co-authored 383 papers on international refereed journals, more than 500 papers at international conferences, including more than 100 invited presentations, and 30 book chapters.
- Citations: Google Scholar: h-Index=69, citations:173624; ISI Web of Science h-index=54, citations: 12001; Scopus h-Index=60, citations: 13376
- Thomson Reuters ResearcherID: J-5578-2013

### CURRENT POSITIONS

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1/11/2018 – **Full Professor**  
Department of Information, Electronics and Telecommunications Engineering, University of Rome I “La Sapienza”, Italy

### PREVIOUS POSITIONS

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2007 – 2018 **Full Professor**  
Department of Information Engineering, University of Brescia, Italy

2003 – 2007 **Full Professor**  
Physics Department, University of Bourgogne, France

2001 – 2003 **Manager of Advanced Technology**  
Xtera Inc., Allen, Texas, USA

1999 – 2001 **Senior Engineer**  
Alcatel Research and Innovation Labs, Marcoussis, France

1996 – 2001 **Full Professor**  
Physics Department, University of Bourgogne, France

1985 – 1996 **Senior Engineer**  
Ugo Bordoni Foundation, Rome, Italy

### EDUCATION

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1988 PhD: Electromagnetic Fields, Italian Ministry of Education, Italy

1983 Master of Science: Electrical Engineering Department, Caltech, USA

1982 Laurea in Electronics Engineering: Sapienza University of Rome, Italy

### FELLOWSHIPS AND AWARDS

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2017-2021 Visiting Professorship, Novosibirsk State University, Russia

2011 Visiting Professorship, Department of Mechanical Engineering, MIT, USA

2009 Fellow of the Optical Society of America, Washington, DC, USA

2004,2006 Visiting Fellowships, Mathematics Department, University of Arizona, USA

2003 Scientific Fellowship, Los Alamos National Laboratory, USA

1995 Visiting Fellowship, Department of Physics, F. Schiller University, Germany

1994 Philip Morris Prize on the «Information superhighway»

1994 Visiting Fellowship, Department of Mathematics, University of New Mexico, USA

1994 Visiting Fellowship, Ecole Polytechnique, France

1986-1990 Visiting Fellowships, Optical Sciences Center, University of Arizona, USA

1983 Moisé Ascoli Prize from the Italian Association of Electrical Engineers, Italy

1982 Teaching Assistantship, California Institute of Technology, USA

### SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

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2018 – 2022 12 Postdocs/ 2 PhD

2007 – 2018	Department of Information Engineering, Sapienza University of Rome, Italy 12 Postdocs/ 5 PhD/ 11 Master Students
1996 – 2007	Department of Information Engineering, University of Brescia, Italy 5 Postdocs/ 7 PhD/ 6 Master Students
	Department of Physics, University of Bourgogne, France

### **TEACHING ACTIVITIES**

2018 – 2022	Full Professor – Telecommunications, Sapienza University of Rome, Italy
2007 – 2018	Full Professor – Electromagnetic Fields, Optical Communications, Microwave Engineering, University of Brescia, Italy
1996 – 2007	Full Professor – Statistical Physics, Optics and Lasers, Optical Communications, Numerical Methods for Physics, Physics Department, University of Bourgogne, France

### **ORGANISATION OF SCIENTIFIC MEETINGS**

2019	Director, International workshop on Optical Frequency Combs, Anacapri, 40 participants
2019	Director, International winter school on Nonlinear Photonics, Andalo, 60 participants
2018	General Chair, Nonlinear Photonics, Zurich, Switzerland, 200 participants
2016	Program Chair, Nonlinear Photonics, Sydney, Australia, 200 participants
2016	General Chair, CLEO Focus Meeting on fundamental photonics for future telecommunications, Dusseldorf, 50 participants, Germany
2015	General Chair, <i>Lake Como Advanced School on Spatiotemporal Complexity in Nonlinear Optics</i> , Centro A. Volta, Como, Italy, 60 participants
2013	General Chair, <i>International workshop on spatio-temporal complexity in optical fibers</i> , Centro A. Volta, Como, Italy, 60 participants

### **INSTITUTIONAL RESPONSIBILITIES**

2007-2018	Faculty Member, University of Brescia, Italy
2014-2022	Associated Member, Istituto Nazionale di Ottica of National Research Council (CNR)
2017-2018	Manager of the Brescia Unit of the Istituto Nazionale di Ottica of CNR
2009-2019	Member of Organizing Committee, PhD program: “Technology for health”, University of Brescia, Italy
2012-2022	Member of the Executive Committee of the Italian Chapter, IEEE Photonics Society
2018-2022	Faculty Member, University of Rome I “La Sapienza”, Italy

### **COMMISSIONS OF TRUST**

2007-2022	Editor in Chief, “Optical Fiber Technology”, Elsevier
2016-2018	Member of evaluation committee for the “National Scientific Qualification” (ASN) for area 09/F1- Electromagnetic Fields for years 2016-2018
2015-2017	Group of Expert Evaluators (GEV) member for area 09: Industrial and information engineering; evaluation of research quality (VQR) in Italy for years 2011-2014
2007-2021	Evaluator, European FP7 and Horizon 2020 ICT R&D projects on photonic technologies
2014-2017	Selection Committee member of independent researcher starting grant programme (SIR) of the Italian Ministry of the University and Research for ERC area PE2
2014-2022	Associate Editor of “Annals of Telecommunications”, Springer
2017-2022	Editorial Board member, Physical Review A
2014-2022	Editorial Board member, “International Journal of Optics”, Hindawi
2014-2022	Editorial Board member, “Fibers”, MDPI
2014-2018	Evaluator, ERC starting and consolidator grants
2012-2021	Evaluator, ANR, France; Fonds de la Recherche Scientifique, Belgium
2011-2015	Evaluator, Austrian Science Fund, Austria; Foundation for Polish Science, Poland
2013-2020	Evaluator, Deutsche Forschungsgemeinschaft; A. von Humboldt-Stiftung Found., Germany

### **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

Since 1991	Fellow Member, Optical Society of America
Since 2002	Senior Member, IEEE Photonics Society