

## **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: [REDACTED]

Nationality: Italian and German

### **PUBLICATION RECORD**

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- Authored or co-authored 378 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=66, citations:16645; ISI Web of Science h-index=54, citations: 11369; Scopus h-Index=57, citations: 12628

- 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 – 2020 8 Postdocs/ 1 PhD

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

### **TEACHING ACTIVITIES**

2018 – 2021 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, *Lake Como Advanced School on Spatiotemporal Complexity in Nonlinear Optics*, Centro A. Volta, Como, Italy, 60 participants  
 2013 General Chair, *International workshop on spatio-temporal complexity in optical fibers*, Centro A. Volta, Como, Italy, 60 participants

### **INSTITUTIONAL RESPONSIBILITIES**

2007-2018 Faculty Member, University of Brescia, Italy  
 2014-2021 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  
 2012-2021 Member of the Executive Committee of the Italian Chapter, IEEE Photonics Society  
 2018-2021 Faculty Member, University of Rome I “La Sapienza”, Italy

### **COMMISSIONS OF TRUST**

2007-2021 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  
 2014-2021 Associate Editor of “Annals of Telecommunications”, Springer  
 2017-2021 Editorial Board member, Physical Review A  
 2014-2021 Editorial Board member, “International Journal of Optics”, Hindawi  
 2014-2021 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