

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

Email(s)

Nationality(-ies)

Date of birth

Gender

Stefano Tomasin

via F. Dorighello 6, 35128 Padova

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tomasin@dei.unipd.it

Italian

July 26, 1975

male



Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

January 2016 – present

Associate Professor

Research and Teaching in many areas of Communications

Department of Information Engineering, University of Padua, Italy

Higher education and research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

January 2005 – January 2016

Assistant Professor

Research and Teaching in many areas of Communications

Department of Information Engineering, University of Padua, Italy

Higher education and research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

December 2014 – December 2015

Principal Researcher

Team Supervision for Research Activity

Mathematical and Algorithmic Sciences Lab, France R& D Center, Huawei Technologies, Boulogne-Billancourt, France

Telecommunication Industry

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

September 2007 – December 2007

Visiting Scholar

Research

Brooklyn Polytechnic University, Brooklyn, NY (USA)

Higher education and research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

June 2004 – December 2004

Visiting Scholar

Research activity on Cellular Systems

Research Labs of Qualcomm, inc, San Diego, California (USA)

Type of business or sector	Higher education and research
Dates	January 2003 – December 2004
Occupation or position held	Researcher
Main activities and responsibilities	Research on Mobile Communication Systems
Name and address of employer	Department of Information Engineering, University of Padua, Italy
Type of business or sector	Higher education and research
Dates	October 2001 – June 2002
Occupation or position held	Visiting Student
Main activities and responsibilities	Research on Signal Processing for Digital Video Broadcasting Systems
Name and address of employer	Philips Research Laboratories, Eindhoven, The Netherlands
Type of business or sector	Telecommunication Industry
Dates	October 1999 – January 2000
Occupation or position held	Visiting Student
Main activities and responsibilities	Research on Signal Processing for Magnetic Recording Systems
Name and address of employer	IBM Research Laboratories, Zurich, Switzerland
Type of business or sector	Electronics Industry

Education and training

Dates	January 2000 – February 2003
Title of qualification awarded	Ph.D.
Principal subjects/Occupational skills covered	Communications Engineering
Name and type of organization providing education and training	University of Padova, Italy
Dates	October 1994 – July 1999
Title of qualification awarded	Laurea degree <i>cum laude</i>
Principal subjects/Occupational skills covered	Telecommunication Engineering
Name and type of organization providing education and training	University of Padova, Italy

Honors

Date	2009
Award	Best student paper award at the Int. Symp. Bio- electronics and Bioinformatics (ISBB2009), Melbourne, Australia.
Date	2004
Award	Regional Innovation Award 2004: awarded for the best doctoral thesis by the Veneto Region.

Other titles

Date	2013
Title of qualification awarded	Abilitazione scientifica nazionale for the position of Associate Professor in Telecommunications (sette concorsuale 09/F2).
Date	2000
Title of qualification awarded	Qualifying examination for Engineering profession

Participation in research projects and networks of excellence

Dates	2012–2015
Title	Enhancing Security by Cross Layer Physical and Data Link Engineering(ESCAPADE)
Funding body	Italian Ministry of Education and Research (FIRB, Future in Research)
Role	Research Unit Investigator
Dates	2011–2012
Title	Integrated Terrestrial And CAble – Re- ceiver Design (ITACA-RD)
Funding body	Swiss Commission for Technology and Innovation (CTI)
Dates	2009–2010
Title	DVB-T2 Advanced Software Platform (DASP)
Funding body	Swiss Commission for Technology and Innovation (CTI)
Dates	2008–2010
Title	European Network of Excellence on Wireless Communications NEWCOM++
Funding body	European Commission
Dates	2002–2005
Title	Reconfigurable platforms for interoperability in mobility (PRIMO)
Funding body	Italian Ministry of Education and Research (National funding for fundamental research, FIRB)

Industrial and professional collaborations

Company	Huawei Technologies (Italy)
Activity	Project (2017) on channel estimation and beamforming for EHF systems.
Company	Institute for Information Industry (III) (Taiwan)
Activity	Project (2013) on demand-response techniques for smart micro grids with simulation test-bed.
Company	Luce in Veneto (Italy)
Activity	E-light project (2011-2012) on ICT for illumination. Funded by Consorzio Luce in Veneto within Regione Veneto funded research projects.
Company	Fondazione Cariparo, Padova (Italy)
Activity	Recipient (Jan. 2012-Dec. 2014) of a funding for a three-year Ph.D. scholarship for a study on the optimization of smart micro grids.
Company	Abilis Systems Sarl (Switzerland)
Activity	Three research contracts (2006-2008) on signal processing for digital video broadcasting. These contracts brought also to joint scientific publications and patents.
Company	RAI Research Center (Italy)
Activity	Research contracts for new standards on digital video broadcasting (2007-2013), obtaining contribution to the standard activity, joint scientific publications and patents.

Scientific Editorial Activity

Guest Editor	Special issue on Physical Layer Security and its Applications, 2015, Proceedings of IEEE, Oct. 2015.
Associate Editor	IEEE Transactions on Information Forensics and Security since Mar. 2020 IEEE Transactions on Signal Processing since Jan. 2017
Editor	IEEE Transactions on Vehicular Technologies from Nov. 2011 to Sept. 2017 EURASIP Journal of Wireless Communications and Networking since 2011 ISRN Communications and Networking Journal from 2007 to 2012
Reviewer	IEEE Transactions on Communicatons IEEE Communications Magazine IEEE Communication Letters IEEE Transactions on Information Forensics and Security IEEE Transactions on Vehicular Technology IEEE Transactions on Wireless Communicatons IEEE Transactions on Signal Processing Multidimensional Systems and Signal Processing
Technical Program Committee Member	IEEE International Conference on Communications (ICC): 2016, 2015, 2014. IEEE Global Conference on Communication (GLOBECOM): 2015, 2014, 2013, 2011, 2009, 2007 IEEE Vehicular Technology Conference (VTC): 2015- Spring, 2013-Fall, 2012-Fall, 2012-Spring, 2011-Fall, 2011-Spring, 2010-Fall, 2010-Spring, 2009-Fall, 2009-Spring, 2008-Fall, 2008-Spring, 2006-Spring IEEE WiComSec-Phy 2015 - Workshop on Wireless Communication Security at the Physical Layer (jointly with Mobiquitous'15) IEEE WCNC 2016, 2015, 2014, 2012, 2009 ACM Q2SWinet 2014 ChinaCom 2008. IEEE International Workshop on Networking Issues in Multimedia Entertainment (NIME): 2006, 2004 IEEE SmartGridComm 2015, 2014 International Conference on Advances in Computing and Communications (ACC2011) International Symposium on Wireless Communications Systems (ISWCS): 2014, 2013, 2010
Organizer/chair	Organizer of the second edition of the Workshop on Communication Security affiliated to Eurocrypt 2017 to be held in April 2017 in Paris, France Organizer of the IEEE Workshop on Wireless Physical Layer Security (WPLS) at the IEEE International Conference on Communications (London, UK) in June 2015 Organizer of Workshop on Communication Security (WCS 2014) within the ESCAPADE project, Sept. 2014, Ancona, Italy TPC Chair IEEE Vehicular Technology Conference 2008- Fall, Transmission Technology Track

Signature

