


PERSONAL INFORMATION

Andrea Conti

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PERSONAL STATEMENT

Dr. Conti's research encompasses communication and information theories together with statistical inference and optimization for solving real-world problems. His research interests involve theory and experimentation of wireless systems and networks including network localization and navigation, adaptive diversity communications, intrinsic network secrecy, and distributed random sensing. His research received important recognitions. He is recipient of the HTE Puskás Tivadar Medal and co-recipient of the IEEE Communications Society's Stephen O. Rice Prize in the Field of Communications Theory and the IEEE Communications Society's Fred W. Ellersick Prize. He is a coauthor of *Wireless Sensor and Actuator Networks: Enabling Technologies, Information Processing and Protocol Design* (Elsevier, 2008).

Dr. Conti has served as editor for IEEE journals, as well as chaired international conferences. He has been elected Chair of the IEEE Communications Society's Radio Communications Technical Committee. He is a co-founder and elected Secretary of the IEEE Quantum Communications & Information Technology Emerging Technical Subcommittee. He is an elected Fellow of the IET and has been selected as an IEEE Distinguished Lecturer.

Dr. Conti is and has been leader in national and international projects. He is and has been teaching courses at both the University of Ferrara and the University of Bologna. He is serving the University of Ferrara as the elected President of the Research Council, member of the Academic Senate, member of the Presidio Qualità di Ateneo, and Research Delegate.

WORK EXPERIENCE

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| 2014–Present | Associate Professor
Department of Engineering, University of Ferrara |
| 2005–2014 | Researcher
Department of Engineering, University of Ferrara |
| 2002–2005 | Researcher
IEIIT-BO, Consiglio Nazionale delle Ricerche |
| 2003–Present | Research affiliate
LIDS, Massachusetts Institute of Technology |

EDUCATION AND TRAINING

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| 1997–2001 | Ph.D. in Electrical Engineering and Computer Science
University of Bologna |
| 1991–1997 | Laurea (Dr. Ing.) in Telecommunications Engineering
University of Bologna |

Summa cum Laude

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- IEEE Distinguished Lecturer (Appointment 2011 – 2013, Renewed 2013 – 2015)
- Tutorialist at international conferences
- Keynote speaker at international conferences

Organisational / managerial skills

- Editor for PROCEEDINGS OF THE IEEE, Special Issue on Foundations and Trends in Localization Technologies (2017 – 2018)
- Co-Chair of Wireless Communications Symposium for IEEE Globecom 2017
- Founding Officer and Secretary of the Quantum Communications & Information Technology (QCIT) Emerging Technical Subcommittee (2015 – 2018)
- Co-Chair of the IEEE QCIT Workshop (2015 – 2017)
- IEEE Eric E. Sumner Award Committee (Appointment 2015 – present)
- IEEE Kiyomi Tomiyasu Award Committee (Appointment 2013 – 2014)
- Founding Co-Chair of the IEEE Workshop on Advances in Network Localization and Navigation (ANLN) (2013 – 2015)
- Elected Chair of the IEEE ComSoc Radio Communications Committee (2013 – 2014), Vice-Chair (2011 – 2012), Secretary (2009 – 2010)
- Editor for the IEEE WIRELESS COMMUNICATIONS LETTERS (2012 – 2016)
- Editor for the IEEE COMMUNICATIONS LETTERS (2010 – 2015)
- Editor for the IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS (2003 – 2009)
- Chair for numerous international conferences
- President of the Research Council at the University of Ferrara (2015 – present)

Recognitions

- IEEE Communications Society Stephen O. Rice Prize in the Field of Communications Theory, 2012 for the paper “Optimized Simple Bounds for Diversity Systems,” IEEE TRANSACTIONS ON COMMUNICATIONS, Sep. 2009.
- IEEE Communications Society Fred W. Ellersick Prize, 2012 for the paper “Network Localization and Navigation via Cooperation,” IEEE COMMUNICATIONS MAGAZINE, May 2011.
- ASN 2012 National Scientific Habilitation for the role of Full Professor, MIUR, Dec. 2013
- Elected Fellow of the IET, 2013.
- IEEE Distinguished Lecturer Selected by the IEEE Vehicular Technology Society, 2011–2015.
- Outstanding Service Award of the IEEE ComSoc Radio Communications Committee, 2015.

Andrea Conti has published several papers in premier IEEE journals and international conferences.