

# Roberto Bruschi

Full Professor

## EDUCATION AND TRAINING

May 2006

**Ph.D. in Information and Communication Science and Technology, specialization in Electronic and Computer Engineering**

18th cycle

Department of Computer Science, Systems and Telecommunications (DIST) – University of Genova

November 2002

**Master's Degree in Telecommunications Engineering**

University of Genova

## PROFESSIONAL HISTORY

December 2024 – Present

**Full Professor in the Scientific-Disciplinary Sector (SSD) Ing-Inf/03 (“Telecommunications Engineering”)**

Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN) – University of Genova

December 2019 – November 2024

**Associate Professor in the Scientific-Disciplinary Sector (SSD) Ing-Inf/03 (“Telecommunications Engineering”)**

Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN) – University of Genova

January 2010 – November 2019

**Researcher**

National Inter-University Consortium for Telecommunications (CNIT)

## ACADEMIC APPOINTMENTS

November 2021 – Present

**Delegate for Third Mission and Spin-Offs**

Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN) – University of Genova

November 2019 – November 2021

**Delegate for Student Orientation – DITEN**

Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN) – University of Genova

## EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

**10/2010** FP7 Integrated Project (IP) low Energy Consumption NETworks (ECONET).

Project Manager

CNIT

**01/2011** FIRB “Futuro in Ricerca” 2010 “Greening the Network” (GreenNet)

Principal Investigator

CNIT

**02/2014** Horizon2020 Research and Innovation Action “In-Network Programmability for next-generation

personal cloUd service support (INPUT)”

Principal Investigator

CNIT

**01/2017** Horizon2020 5G-PPP Innovation Action “A Holistic, Innovative Framework for the Design, Development and Orchestration of 5G-Ready Applications and Network Services over Sliced Programmable Infrastructure (MATILDA)”

WP Leader

CNIT

**05/2019** Horizon2020 Research and Innovation Action “a cyberSecurity Platform for virtualised 5G cyber Range services (SPIDER)”

Research Unit Coordinator

CNIT

**01/2023** Horizon Europe Research and Innovation Action “6Green (6GREEN)”

Principal Investigator

CNIT

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

**2/2017–09/2022** Associate Technical Editor for IEEE Communications Magazine

**01/2015–12/2016** Associate Editor for IEEE Journal on Selected Areas in Communications, Series on Green Communications and Networking

**01/2016–09/2021** Associate Editor for IEEE Transactions on Green Communications and Networking

**5/2019** Guest Editor for the Elsevier Computer Networks Journal for the Special Issue on “Application Areas and Fundamental Challenges in Network Functions Virtualization.”

**6/2019** Guest Editor for the IEEE Communications Magazine for the Special Topic on “The Quest for Information Centric Networking.”

**5/2020** Guest Editor for the IEEE Journal on Selected Areas in Communications for Special Issue on “Leveraging Machine Learning in SDN/NFV-based Networks.”

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

**2009** *Best Paper Award at “International Conference on Communications” (IEEE ICC 2009)*

**2010** *Best Paper Award at “3rd International Workshop on Green Communications” (IEEE GreenCom 2010)*

**3/2013** 4 coauthored papers selected in the “Best Readings IEEE - Topics on Green Communications.”

**12/2015** Runner-up Best Paper Award at 2015 IEEE World Forum on Internet of Things

**2017** *Best Demo Award at 2017 IFIP/IEEE Internat. Symp. on Integrated Network and Service Management” (IFIP/IEEE IM 2017).*